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ABSTRACT

These two documents summarize the findings of the 1994 and 1995 rounds of the Technical Institute Information Technology Survey, which is conducted annually to gather information about a broad range of technology uses at Georgia's technical institutes. Both reports included the responses from all of Georgia's 33 technical institutes regarding their uses of the following: Georgia public television, satellite dishes, mobile rental dishes, cable television, closed circuit television, telephone company services, microwave towers, telelearning classrooms, mobile and/or fixed remote sites, fax services, loaner distance learning equipment, computerized keypad response systems, telephone registration systems, high definition television, virtual reality, desktop visual communications, computer networks, mobile equipment, and security systems. The 1994 report includes an overview of the survey results, a copy of the questionnaire on which the responses have been tallied, a data matrix of equipment at each institution, and a list of technical institute coordinators. The 1995 report includes a description of the study's purpose and methodology, 51 pages of tables and charts detailing the study findings, and a copy of the revised questionnaire. (MN)

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GEORGIA DEPARTMENT OF TECHNICAL AND ADULT EDUCATION

Information Technology Survey

Division of Educational Support Services **November 1994**

Prepared for the Information Technology Committee of the Georgia Technical Institutes Presidents Council by the Occupational Research Group at The University of Georgia.

ED 391 890

SUMMARY OF SURVEY FINDINGS

The 1994 Technical Institute Information Technology Survey was developed by GDTAE Educational Support Services staff and technical support personnel at the technical institutes to update and expand the 1993 statewide Information Technology Survey. The survey questionnaire was distributed to all of the technical institutes in August 1994. Responses were received from a total of 33 institutions. Results of the survey were summarized and reported by the Occupational Research Group at the University of Georgia.

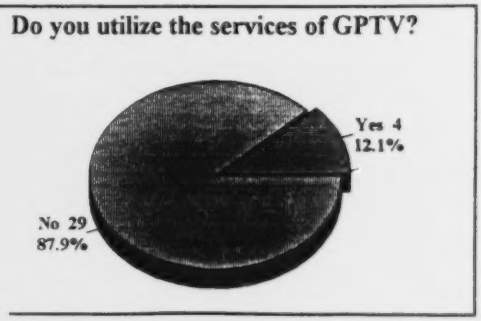
The purpose of this statewide survey was to collect comprehensive and up-to-date information about a broad range of technology uses at Georgia's technical institutes. Survey results will provide a base of information for the Presidents' Council Information Technology Committee to use in their planning and implementation activities.

The first part of this report summarizes the key findings and information within each of the 24 major sections of the survey, using narrative and graphic presentation of data. The second part provides further details about responses to each individual item in the survey questionnaire. A chart at the end of the report summarizes data on major question categories for each technical institution to facilitate comparison across the state. A list of distance learning, satellite, and network coordinators at each technical institute also is included.

Due to the complexity and level of detail of information requested in the questionnaire, the interpretation of questions and completeness of answers by the respondents varied widely. Lack of consistency in response format may limit the conclusions that can be drawn from this data.

I. Georgia Public TV

The overwhelming majority of technical institutes do not utilize the services of GPTV. Of the four that did reply yes to this question, a variety of GPTV programs were mentioned. None are utilizing any specific GPTV production services.



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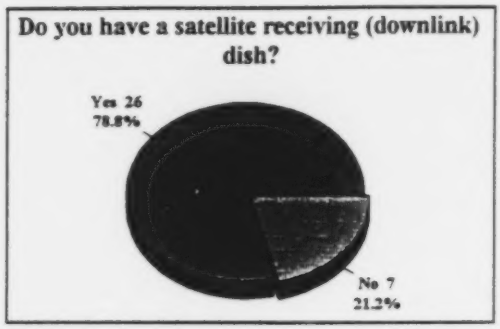
II. Satellite Dishes

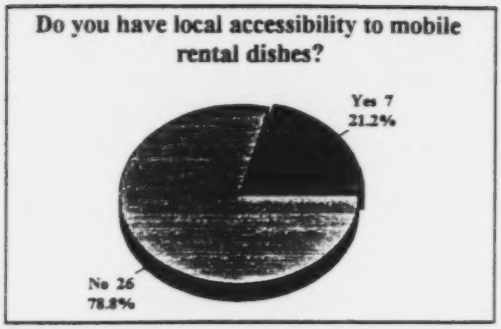
An overwhelming majority of respondents currently have satellite receiving dishes (downlink capability).



Approximately half of the technical institutes own or use one dish. Approximately one-third of the dishes are fixed. Roughly half the dishes support a single band, with C and KU bands mentioned most frequently. There is a wide variety of manufacturers who have provided equipment to the technical institutes; no single supplier has dominated sales to Georgia technical schools. The date of acquisition for dishes ranges from 1981 to 1994 and roughly one-third of the dishes were purchased during calendar year 1994. No schools have origination or uplink capability.

III. Access to Mobile Rental Dishes

Most technical institutes do not have access to rental equipment. Where accessibility is present, only two schools have made use of the opportunity to rent a dish. An annual rental fee of two hundred dollars ($200) was cited by one school.

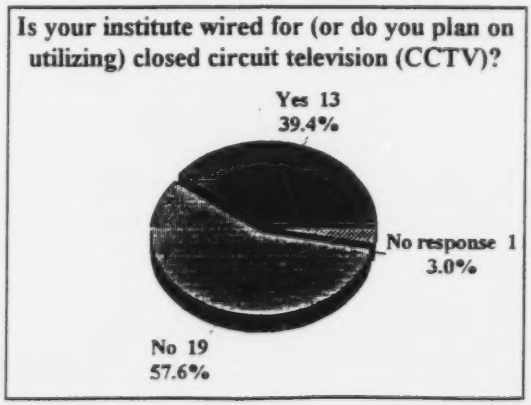


IV. Cable Television (CTV) Availability

All but one of the technical institutes have CTV available in their service area. A wide variety of CTV vendors are located in home or nearby municipalities, and while no one company dominates, TCI was mentioned most frequently. Roughly half of the schools purchase cable television service but only one of the schools reported using the educational channel for instruction. A total of thirty-six (36) buildings across the state are wired for CTV and approximately fifty (50) classrooms have access to CTV programming. All of the schools use coaxial wiring.

V. Closed Circuit Television (CCTV)

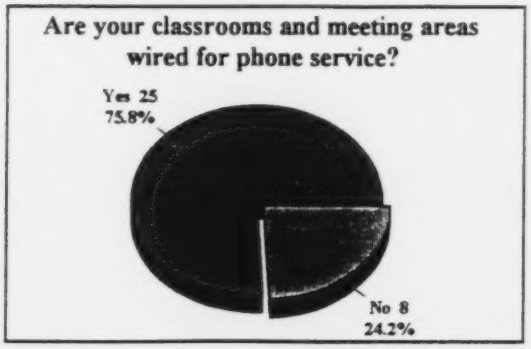
About one-third of the technical institutes are wired for or plan on using Closed Circuit Television (CCTV).



Of these schools, half reported that none or only one of their buildings, and a third reported that none of their classrooms, are currently serviced with CCTV. However, three schools have all classrooms and five have all buildings serviced with CCTV. The number of office areas and conference rooms that utilize CCTV vary from one to 5. The majority identified coaxial as the type of wiring that is used. Of the schools wired for CCTV, most have or intend to have a school television station or broadcast studio and all want to interface the Video Distribution System with PCs or a network. The rooms most frequently identified that will have a display device were classrooms and conference rooms, followed by auditoriums, lecture halls, offices, cafeterias, staff rooms and kiosks. Respondents varied in the quantity of devices needed in each location.

VI. Telephone Company

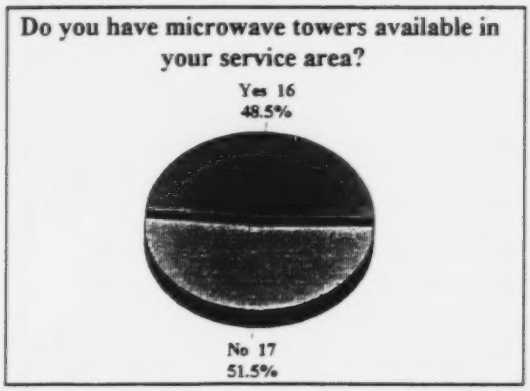
Half of the respondents identified Southern Bell, or Southern Bell/DOAS as the telephone companies that provide them service. Also identified by more than one respondent was Alltel. The remaining respondents identified 11 different companies. Almost all the respondents noted that twisted pair copper was the wiring being used in their institute and most reported that their classrooms and meeting areas were wired.



Half of the respondents reported that 2 - 6 rooms were wired, primarily with twisted pair copper. Over a third noted that they did not have Data Path software nor a Dax Computer available at their central telephone office. The remaining responses were about equally divided between having the software and computer and not knowing if they did.

VII. Microwave Towers

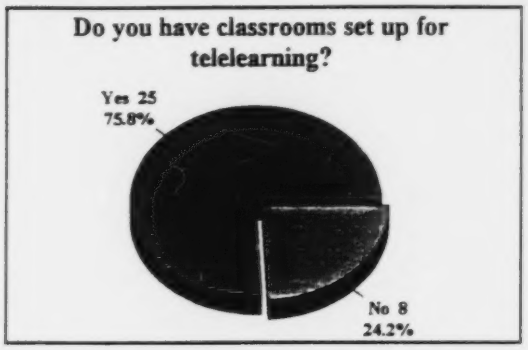
Responses were split about evenly regarding the availability of microwave towers but only one stated they actually use them. The respondent who uses the tower does so for beepers and cellular phones.



VIII. Telelearning Classrooms

Seventy-five percent of respondents have at least one classroom set up for telelearning, and the specifications for equipment vary. More than half of the respondents identified either CLI, GSAMS, Shure 6300 Audio System, or Chapparell as specifications for video reception equipment. Half of those responding identified either CLI, GSAMS, or Shure 6300 Audio System as specifications for

video transmission equipment as well as for audio reception equipment. The majority of responses for audio and video transmission equipment specifications identified either CLI, Shure 6300 Audio System, or GSAMS. The remaining responses for each type of equipment varied to a great extent.



IX. Mobile Classroom or Fixed Remote Sites

Nearly three-quarters of the technical institutes do not have either mobile or fixed remote sites. Those who do have them, use them primarily for adult literacy and economic development. Both trailers and fixed (eg., satellite) centers were mentioned. One school is using wire linkage, another is using a satellite dish and a third Institution uses both wire and satellite linkage.

X. FAX Service

All technical institutes have FAX service to their institution. The total machines in service for all TIs is 92 with two being the most common number reported by each. The Highest number reported is eight (one institution) and the next most frequent numbers are three and four (five institutions each). Machines manufactured by Omnifax are the most common, Toshiba next, followed by Hewlett Packard and Muratee. Eighteen of the FAX machines are in use in classrooms, and in most cases at the Distance Learning Center. Nineteen of the technical institutes are able to FAX directly from computers. Only six utilize pooled FAX services.

XI. Loaner Distance Learning Equipment

Only one technical institute has loaner distance learning equipment for individuals or groups. The type of equipment being used is "basic State of Georgia setup". Installation and training is provided by: John Wilkinson and Vielka Griffis.

XII. Computerized Keypad Response System

Only two technical institutes reported having a computerized keypad response system. The system specifications are those of "Hypergraphics Hardwired Keypads" and the system serves one classroom.

XIII. Telephone Registration System

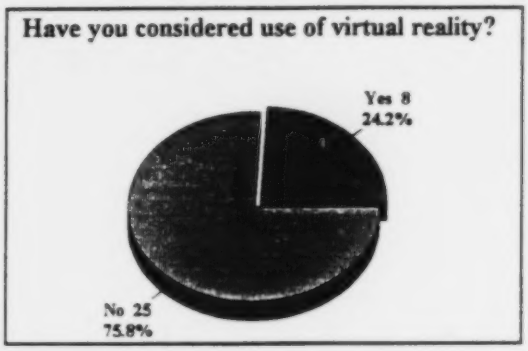
None of the technical institutes currently use a telephone registration system.

XIV. High Definition Television (HDTV)

Only one technical institute uses high definition television. At this site it is a projection type used in telelearning, conferences and staff development.

XV. Virtual Reality

Only a small number of technical institutes have considered the use of virtual reality for instruction, orientation or information purposes. Most indicated that they were not sure what was available.



XVI. Desktop Visual Communications (DVC)

For those few institutions considering the use of desktop visual communications, the system mentioned most often was Picturetel. A variety of possible uses were identified, including conferences, instructing small numbers at each location, meetings, interviewing job applicants, recruitment and training.

XVII. Data

The most frequently used networks at the technical institutes were Peachnet and Internet, with two-thirds using or planning to use these networks. Only two are or will be using ISDN, one is using SMDS, and none were using ITSF.

The most frequently cited LANs (local area networks) now or soon to be in place were Token Ring and Ethernet. All but one of the technical institutes will have computers in the classrooms. The numbers of computers predicted for each school ranged from a high of five-hundred to a low of one. The average number was 134, and most schools reported a number between one and two hundred computers in classrooms. The number of computer labs ranged from one to twenty, with half of the schools having from 3 to 8 labs.

Practically everyone was interested in having Barcode Readers. About one-third wanted only one; others wanted from 2 to 12 barcode readers. The most frequently mentioned uses for Barcode Readers were for inventory, bookstore, library and student records. Regarding the computer platforms the TIs will be using, the majority of respondents indicated that they would be using IBM, RISC/6000, Unix, Apple/MacIntosh or MS-DOS. The application software used by the technical institutes ranged widely. Lotus (versions 2.2-4.1), Microsoft office applications, WordPerfect (version 5.1 most often), and dBase (version IV most often) were the most commonly used application software.

Licensing control varied from school to school, both in terms of efficiency and sophistication. Many controlled licensing through central control of purchasing and distribution, site licenses, or network server restrictions.

IBM and IBM compatible computer hardware was listed most often as the hardware model of choice for the technical institutes. The quantity of IBM/Compatibles in use at each school ranged from 6 to 410, with 150 and 200 reported most frequently. Apple/MacIntosh was used next most

often, in quantities ranging from 1 to 50 per site, with the range of 2 to 10 most common. Multi-Media hardware (primarily IBM, some RISC) were listed next most frequently, ranging in quantity from 2 to 200 per school, with 20 machines most common. No schools reported using Next hardware, and only one school is using Sun and Tandy models.

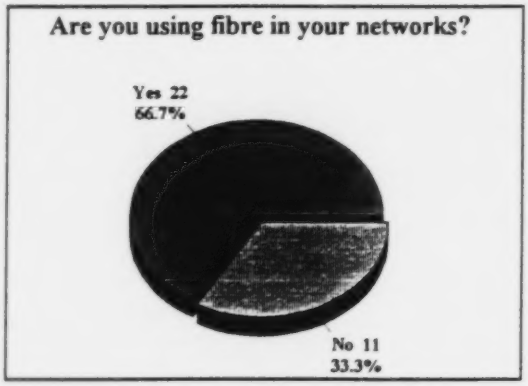
Responses to a question concerning implementation of potential new hardware ranged widely. All of the technical institutes were interested in having more and better equipment: over half of the schools indicated a desire for more personal computers, and more than one school indicated an interest in high availability computer systems, routers, electronic media distribution, imaging equipment, and multimedia.

A majority of the TIs reported that their data network would be integrated with the Integrated Information System and two said it would run parallel. Four schools were not familiar with the Integrated Information System.

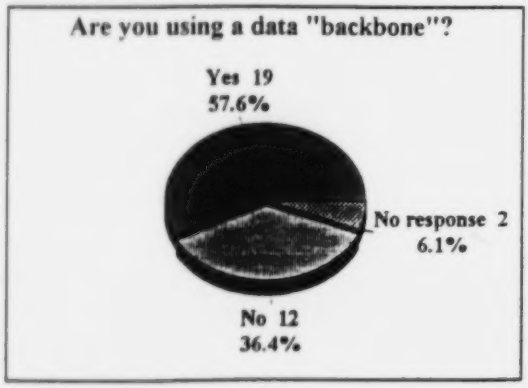
Regarding printers used by the TIs, both IBM and Hewlett Packard printers were cited most frequently, both in terms of quantity and variety of models, but Panasonic and Epson were also listed a number of times. IBM dot matrix and laser printers, and the HP laser models were identified most often. The type, RAM disk size, and number of servers ranged widely, with IBM the most widely used type and the IBM AS/400 used more than any others. Server ram varied from 4 mb to 500 mb, with 8 and 16 mb most common. Server disk size varied from 10 mb to 6 gb, with 240 to 500 mb most common. A total of 70 servers were reported by technical institutes, averaging 2 to 3 per school

When it came to type and version of network software, Novell was the clear leader, with AIX and IBM the next most commonly used.

Two-thirds of the technical institutes are using fiber in their network. Building-to-building and backbone were the most common locations for fiber networks; two schools reported the use of fiber between hubs.



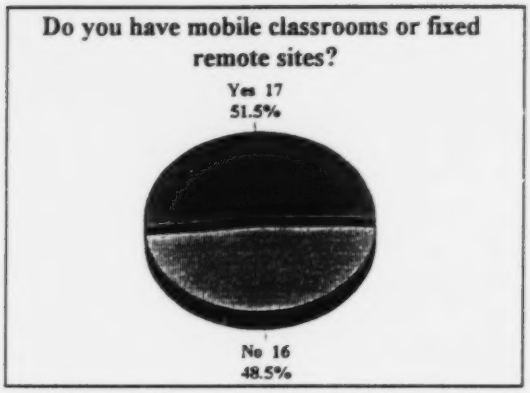
Over half of the technical institutes are using a data backbone. The types of data backbones listed varied, with fiber being the most frequently cited, and Token Ring being the next most common.



XVIII. General Building Characteristics

All but six of the responding technical institutes described themselves as multiple (vs. single) building structures. Only six schools reported having new (vs. existing) facilities.
The maximum distances from the media center to the furthest location on campus varied from 200 to 3600 feet. The most frequently reported distance was 1000 feet.

Half of the technical institutes had mobile classrooms or fixed remote sites.



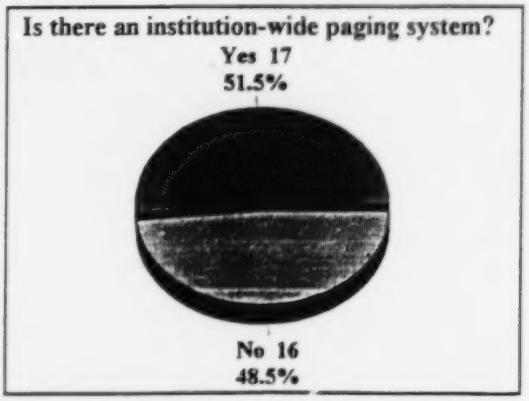
The most common type of mobile classroom/fixed remote site was the mobile home-style trailer, and the most common method of connecting the sites was through the use of telephones. Some of the classrooms/sites were in place but not yet connected. Of the multiple buildings set up, half of the schools (9) had a conduit existing. Conduit size varied from two to four inches, and the number of conduits was from one to three.

XIX. Cable

Most of the technical institutes desired a fiber-optics infrastructure, with a smaller number desiring coaxial. The existing cable plants inside ranged widely, with fiber, shielded twisted pair, coax and copper identified most often. The existing cable plants outside mostly consisted of fiber for those schools who had it. The most frequently reported type of data cable levels or grades were type one, CAT five, and level five, as well as many other levels and/or grades. Two and four cable pairs to each station were the most common number of pairs reported. A majority of the schools reported that they did have plenum ceilings.

XX. Sound

Half of the technical institutes reported the existence of an institution-wide paging system.



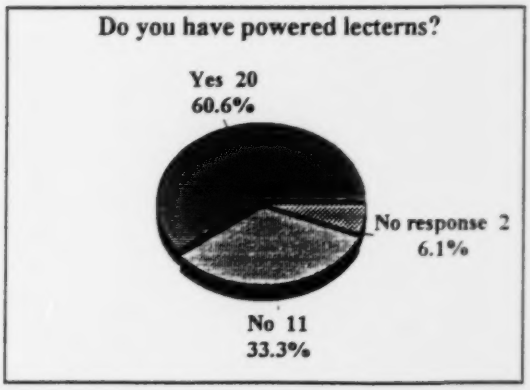
Types varied from room-to-room, intercoms, PA's, and telephone intercoms. The number of rooms or zones and the type/number of speakers varied as well, with no one response being alike. Only

eight of the schools reported having outdoor speakers.

Most did not have portable sound systems. Of the schools that reported having portable sound systems, four used them for special occasions, and others as a PA system or for small group presentations. Two-thirds of the technical institutes do not have permanently installed engineered systems.

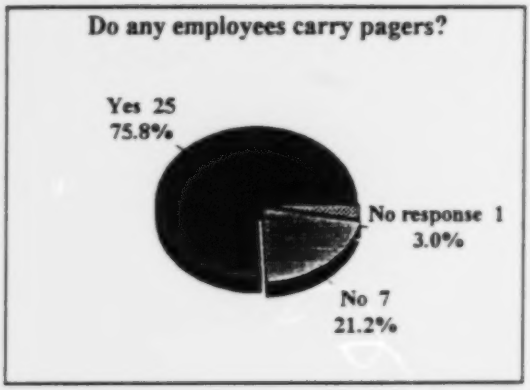
Several schools reported problems with reaching employees in the institution, although six said there were few or no problems in this area. Some schools explained that the lack of paging or intercom systems or limited phone access made it difficult to locate people.

Nearly two-thirds of technical institutes responded that they did have powered lecterns. The type of powered lecterns listed most often was a portable system; other models varied.

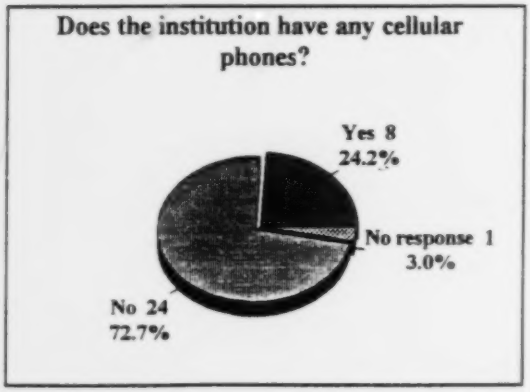


XXI. Mobile Equipment

Over two-thirds of technical institutes had employees who carried pagers. The number of employees ranged from one to thirty five, with most having four or five employees such as the president, maintenance or continuing education using pagers on a campus, regional or statewide basis.

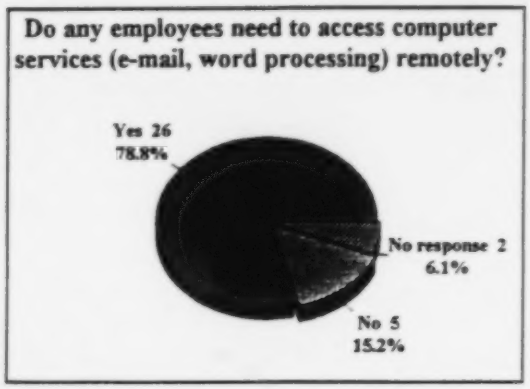


Fewer institutions (8) had cellular phones and most of these had only one phone. These were used for president's travel, access in buildings without phones, and in a commercial truck driving program.

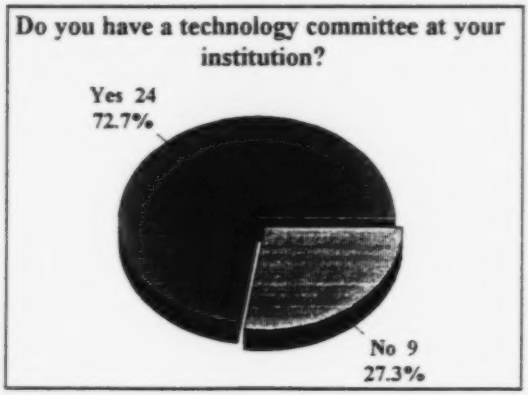


Nearly all technical institutes indicated a need for remote access to computer services. A variety of reasons were given, including needs for e-mail access from home and off-campus, working at home after hours or out of town/ traveling,

rouble-shooting computer system, remote registration, to conduct business when off-campus, and for communication, data access and computer system administration.

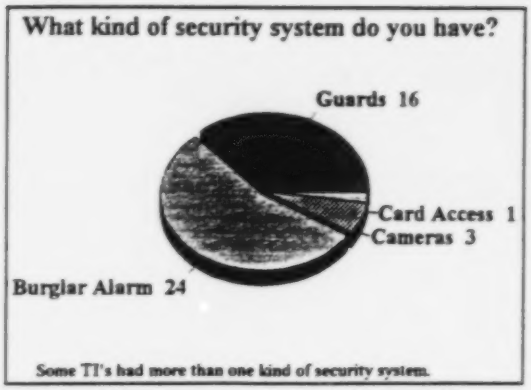


Two-thirds of the technical institutes have a technology committee. Membership varies from four to fifteen and includes primarily administration and faculty, with representation by students, staff and technical support personnel on many committees.



XXII. Security

Only three technical institutes had no security system. All others had either guards and/or burglar alarms. Several had cameras and one had card access.


What kind of security system do you have?
Guards 16
Card Access 1
Cameras 3
Burglar Alarm 24
Some TI's had more than one kind of security system.

Guard services were provided by a mix of private agencies and individuals, institutional employees, and local/county security personnel. The numbers of guards varied from one to six, full- and part-time, day and evening. All institutes with guard services covered the campus from early morning through late afternoon, and many also had evening coverage. Only one had 24 hour guards. None used rounds clocks.

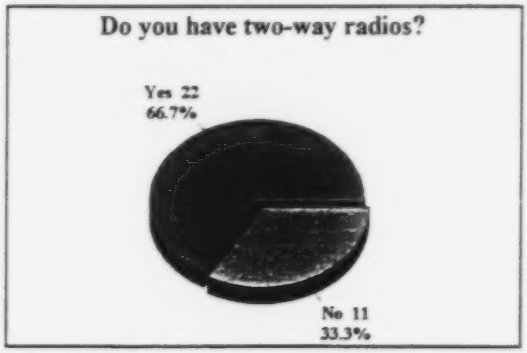
Burglar alarm systems used by the technical institutes primarily included UL certified devices on doors and/or motion detectors. Zones protected by alarms varied from one to sixty-five. More than half did not have complete perimeter protection, but a majority had their systems monitored by local law enforcement, private agencies, or employees. The majority of schools indicated that separate areas are accessible without disarming the entire system, and that they do have high security areas protected by motion detectors, locks, alarms, guards, local police, vaults or lights.

Most technical institutes do not use video surveillance or time lapse recorders. High security areas mentioned by institutes included mostly business and records offices and computer labs. Few were interested in tracking the location of employees.

General security problems mentioned were mostly petty theft and vandalism of school or personal property, but this did not appear to be a serious or frequent occurrence in most schools. A quarter of respondents reported no security problems.

XXIII. Two-Way Radios

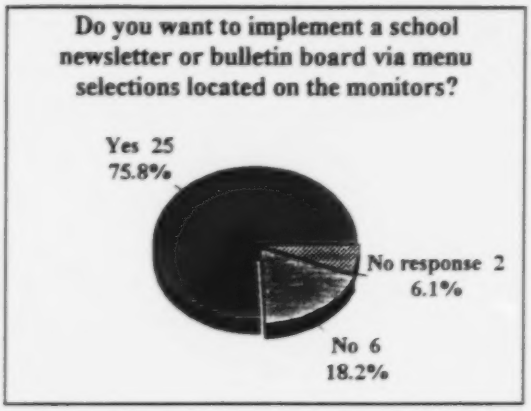
Two-thirds of the technical institutes have two-way radios.



Most radios are Motorolas, with models HT90 and HT600 most common, though a variety of other models were identified. The respondents reported having from one to 11 radios each. Only nine had base stations and five had base towers transmitting from a half mile to 50 miles. Most common usage was to communicate with maintenance, security and administrative personnel and for traffic control. No schools have telephone patch capabilities and only one has a repeater.

XXIV. School Newsletter/Bulletin Board by Video Monitor

The majority of technical institutes (24) expressed an interest in implementing a school newsletter or bulletin board using menu selections located on monitors.


Do you want to implement a school newsletter or bulletin board via menu selections located on the monitors?
Yes 25
75.8%
No response 2
6.1%
No 6
18.2%

The most frequently identified equipment needed to do this was a) computers, b) CD-Rom, c) VHS/S-VHS, and d) laser discs. Types of mediums currently being used by many of the schools included VHS, CD-Rom, Laser Disc and 33mm Slides; medium used least often included 16mm Film, 33mm Filmstrip, Still Video and CD-I. (pie)

Schools were split on their interest in using wireless keyboards to access information at the media center. Those schools interested in this technology mostly wanted widespread access throughout campus. A third of respondents were not interested and others wanted more information.

All but three of TIs responding wanted computer information displayed on large monitors and the areas most often mentioned were student centers and

throughout campus. Responses to the need to broadcast between rooms on campus varied widely. Twenty percent had no interest. Others wanted to broadcast throughout campus, particularly in classrooms, as well as among distance learning sites.

Question Responses

August 17, 1994

TECHNICAL INSTITUTE
INFORMATION TECHNOLOGY SURVEY

I. DO YOU UTILIZE THE SERVICES OF GEORGIA PUBLIC TELEVISION (GPTV)?
YES 4 NO 29

A. GPTV Programs utilized:
NOVA & Scientific American Frontiers; GED on TV; literary programs by library personnel; satellite teleconference service

B. GPTV production services utilized:
1. **Studio:** N/A (4)
2. **Location shooting:** N/A (4)
3. **Reproduction:** N/A (4)
4. **Technology resource:** N/A (4)
5. **Other:** N/A (3)

II. DO YOU HAVE A SATELLITE RECEIVING (DOWNLINK) DISH?
YES 26 NO 7

A. Number of satellite dishes: 1 dish (12); 3 dishes (3); 2 dishes (8); 4 dishes (3)

B. Type of dish(es):

Dishes described by material:	metal mesh (2); fiberglass
Dishes described by mat. & size:	metal, size: 3.7 meter 7'; 8'; 13' dia's. (3) 1.8 meter dia. 3.7 meter dia's. (2)
Dishes described by bandwidth:	KU only (2) C & KU (3)
Dish described by bandwidth & size:	3 meter, C & KU bandwidth
Dish described by mobility:	steerable dishes; 1 fixed dish (2)
Dish described by manufacturer:	dish made by Channel Master
Information not known:	no answer (6)

C. Fixed or Steerable: fixed (14); steerable (26); unknown (2)

D. Band:

8-12 G Hz	Channel 21	CU only
C band only (2)	Channel	KU only (4)
C & KU (12)	CU & KU (3)	unknown (6)

E. Manufacturer:

Channel Master	GE	Maralita
Chaparral (4)	General Dynamics	Scientific Atlanta
Drake Frodelin	General Instruments (2)	unknown (14)
Echostar		

F. **Date of Acquistion:**

1994 (12)	1990 (2)	1984
1993 (2)	1989 (2)	1981 or before (2)
1992 (4)	1987	unknown (6)
1991		

G. **Do you have origination (uplink) capability?** YES _____ NO 33

1. **Type of dish:**
2. **Manufacturer:**
3. **Date of acquisition:**

III. **DO YOU HAVE LOCAL ACCESSIBILITY TO MOBILE RENTAL DISHES?**
YES 7 NO 26

A. **Renter:** unknown (3)
Vendors: Jimmy's Satellite; Sanders Electronics; Bankston Communications; Bell TV and Electronics

B. **How frequent do you utilize:** never (4); rarely (2); N/A

C. **Cost per year (average):** $200; N/A (6)

IV. **DOES YOUR SERVICE AREA HAVE CABLE TELEVISION (CTV) AVAILABILITY?**
YES 32 NO 1

A. **CTV company servicing your area:**

Battlefield Cable	Northland Cable of Statesboro
Cablevision of Savannah	Peachstate
Community Cable	Peachtree Cable (2)
Cox Cable (2)	Rentavision of Brunswick
Falcon Cable	Southland
Gainesville Cablevision	Scripps Howard
GCTV	TCI (8)
Insight Cable	Thomaston Cablevision
Jones Intercable	Unknown (2)
Kennedy Cable	Watson Cable
Newvision Cable	Waycross Cable Co.
	Wometco

B. **Do you have CTV service to your institute?**
YES 17 NO 16

1. **How many buildings are serviced with CTV and percent?**

# of Buildings:

1 (7)	3 (2)	12
2 (3)	6	

% of Buildings:

1	75	100 (5)
25	95	unknown (3)
50 (2)		

2. **How many classrooms are serviced with CTV?**

# of Classrooms:

0 (2)	5	all (2)
1 (3)	10 (2)	unknown (5)
2	30	

% of Classrooms:

0 (2)	20	100 (2)
5	50	unknown (5)
15	60	

3. **What type of wiring is utilized (coaxial or fiber optics)?** coaxial (100%)

C. **Do you utilize the Educational Channel of your CTV provider?**

YES __2__ NO __22__

1. **By providing tapes:** 1 course
2. **By originating programs on campus:**
3. **Head-in broadcast on campus:**

V. **IS YOUR INSTITUTE WIRED FOR (OR DO YOU PLAN ON UTILIZING) CLOSED CIRCUIT TELEVISION (CCTV)?**

YES __13__ NO __19__

A. **How many buildings are serviced with CCTV?**

0 (4)	3 (2)	9
1 (2)	6	12
2		

% of buildings?

0 (2)	50	100 (5)
15	95	

B. **How many classrooms are serviced with CCTV?**

0 (4)	15 (2)	30
3	16	all
10		

% of classrooms?

0 (2)	10	100 (3)
5	50 (2)	

C. **How many office areas and conference rooms are serviced with CCTV?**

1	3	5
2	4	

% of areas?

0 (5)	5-10	50
5	30	100

D. **What type of wiring is utilized (coaxial or fiber optics)?**

coaxial (6); fiber (3); type I twisted pair copper

E. **Video Distribution and Presentation Systems**

1. **Do you have or intend to have a school television station or broadcast studio?**
   yes (10); no (6); need in room with distribution cap
2. **Do you want to interface the Video Distribution System with your PC's or a network?**
   yes (13); no (2); integrate with wireless keyboard not off the network; already is

3. **How many locations will have a display device (monitor)?**

a.	**Classrooms**	14	**Quantity**	10; 15; 20 (3); 27; 30 (3); 40; 60; several
b.	**Lecture Halls**	10	**Quantity**	1 (3); 2; 4 (2); 9
c.	**Gymnasium**		**Quantity**	
d.	**Cafeteria**	7	**Quantity**	1 (5); 4
e.	**Staff Rooms**	6	**Quantity**	2; 3; 4; 5; 12
f.	**Conference**	14	**Quantity**	1 (6); 2 (2); 3; 4 (4)
g.	**Auditorium**	11	**Quantity**	1 (5); 2 (3)
h.	**Kiosks**	6	**Quantity**	1 (2); 2; 10-20
i.	**Offices**	9	**Quantity**	1; 2; 5; 25; 40; 50 (2)
j.	**LGIA**		**Quantity**	
k.	**SGIA**		**Quantity**	
l.	**hallway**	1	**Quantity**	6

VI. WHAT TELEPHONE COMPANY PROVIDES SERVICE TO YOUR INSTITUTE?

Actel/Southern Bell	DOAS Telecommunications	Southern Bell/Bell South
Alltel (3)	GTE/Alltel	Standard Telephone
AT&T/GIST	Southern Bell (12)	Statesboro Telephone
Bell South	Southern Bell/DOAS (4)	TIE Systems
DOAS/GIST	Southern Bell/AllTel	

A. **What type of wiring comes into your institute (twisted pair copper or fiber optics)?**
twisted pair copper (32); fiber optics (3)

B. **Are your classrooms and meeting areas wired for phone service?**
YES 25 NO 8

1. **How many are wired?**

2 (5)	6	50
3 (2)	10	60
4	12	all (4)
5	34	

% wired?

4	17	75
5-10	33 (2)	98
15	60	100 (9)

2. **What type of wiring is utilized (twisted pair copper or fiber optics)?**
twisted pair copper (24); fiber optics; 4 and 8 conductor copper

C. **Do you have Data Path Software available at your central telephone office?**
yes (6); no (13); unknown (6)

D. **Do you have a Dax Computer available in your central telephone office?**
yes (6); no (12); unknown (7)

VII. DO YOU HAVE MICROWAVE TOWERS AVAILABLE IN YOUR SERVICE AREA?

YES 16 NO 17

A. **Do you utilize microwave towers?** YES 1 NO 23

1. **How often?** looking at wire cable systems
2. **Purpose?** beepers and cellular phones; instructional, credit and non-credit

VIII. DO YOU HAVE CLASSROOMS SET UP FOR TELELEARNING?

YES 25 NO 8

A. How many classrooms?

1 (14)
2
4 (3)
10

% of classrooms?

.05
.3
2
3
3.3
5 (3)
40

B. What are specifications for video reception equipment utilized?

3.7 meter antenna
19" to 24" TV monitors
30 frames/sec.
CAVT and Overair
Chapparrell (for satellite) (2)
CLI (9)
CLI Gallery II
CLI Radiance System
do not understand question
DOAS 50 MHR
GSAMS (3)
GSAMS-Distance Learning (Radiance System) by CLI
NTSC based
PAL Compatible
RS-170A based Standard
satellite dish
Scite multiplexor
Shure 6300 Audio System (2)
state room provided by DOAS CLI-TI
T-1 Network

C. What are specifications for video transmission equipment utilized?

19" to 24" TV monitors
30 frames/sec.
Chapparrell (for satellite)
CLI (8)
CLI Gallery II
CLI Radiance System
do not understand question
DOAS 50 MHR
GSAMS (3)
NTSC based
NTSC-PAL
PAL Compatible
RS-170A
Scite multiplexor
Shure 6300 Audio System (2)
state room provided by DOAS CLI-TI
T-1 Network

D. What are specifications for audio reception equipment utilized?

19" to 24" TV monitors
64K
CAVT and Overair
Chapparrell (satellite)
CLI Gallery II
CLI Radiance System
CLI (8)
do not understand question
DOAS 50 MHR
GSAMS (3)
NTSC based
NTSC-PAL
PAL Compatible
RS-170A
Shure 6300 Audio System (3)
state room provided by DOAS-CLI-T1

E. What are specifications for audio transmission equipment utilized?

1 lavalier mic
4 ceiling mics
19" to 24" TV monitors
64K
CLI Gallery II
CLI Radiance System
CLI (7)
do not understand question
DOAS 50 MHR
GSAMS (3)
Shure 6300 Audio System (3)
state room provided by DOAS-CLI-T1

IX. DO YOU HAVE MOBILE CLASSROOMS OR FIXED REMOTE SITES?
YES 7 NO 24

A. What type and how many?

Adult Education Facility, Industrial Training Center, and Douglasville Center - July 1995
Cordele Center
economic development utilizes mobile labs (primarily computers)
fixed and remote for adult literacy: 2 in Houston County, 2 in Peach County, 1 in Pulaski County, and 2 in Dooly County for a total of 7
fixed remote site (2)
Milledgeville Satellite Center
numerous adult literacy sites in our service area
trailers (4)

B. Are they utilizing wire or a satellite dish?
yes, both; no (5); wire; satellite dish - Perry and Unitila

X. DO YOU HAVE FAX SERVICE TO YOUR INSTITUTE?
YES 33 NO _____

A. How many FAX machines do you have and what type?

# of machines?

1 (5)
2 (12)
3 (6)
4 (6)
5
6
8

type of machines?

2 external & 2 FAX boards in computers
Canon Fox-L770
Group III
Hayes FAX Modem (2)
Hewlett Packard (3)
Muratee F-50
Muratee F-70 (2)
Omnifax G55
Omnifax L46 (2)
Omnifax (7)
Omnifax L45
Omnifax L42
plain paper FAX (2)
regular FAX
Ricoh
Sharp
Sharp NX-174
Toshiba
Toshiba Thermal
Toshiba Plain Paper (2)
variety
Xerox

B. How many FAX machines do you have in classrooms and where?

Distance Learning Center (12)
IOT, Secretarial Science
Library Office
Room 334, Omnifax

C. Can you FAX directly from computers? YES 19 NO 14

D. Pooled FAX services? YES 6 NO 25

XI. DO YOU HAVE LOANER DISTANCE LEARNING EQUIPMENT FOR INDIVIDUALS OR GROUPS?
YES 1 NO 31

A. What type of equipment is available? basic State of Georgia setup
B. Who installs and trains user? John Wilkinson / Vielka Griffis

XII. DO YOU HAVE A COMPUTERIZED KEYPAD RESPONSE SYSTEM?
YES 2 NO 31

A. What are the system(s) specifications? Hypergraphics Hardwired Keypads
B. How many classrooms are served? 1

XIII. DO YOU HAVE A TELEPHONE REGISTRATION SYSTEM?
YES _____ NO 32

A. What are the system(s) specifications?
B. How long have you utilized this system?
C. How many students (per year) register on this system _____ and what % is that of total registration (per year) _____?

XIV. DO YOU UTILIZE HIGH DEFINITION TELEVISION (HDTV)?
YES 1 NO 32

A. What type? projection
B. In what capacity or purpose? telelearning/conference/staff development

XV. HAVE YOU CONSIDERED USE OF VIRTUAL REALITY?
YES 8 NO 25

A. What system?
considered, don't use currently
don't know
don't know what is available
high tech graphic games for the concept of virtual reality
in house (nothing available at present)
unsure
whatever the state approves

B. What capacity or purpose? instruction; education, orientation; introductory information

XVI. HAVE YOU CONSIDERED USE OF DESKTOP VISUAL COMMUNICATIONS (DVC)?
considering, yes

A. What system?
C-phone
conferences and instructing small numbers at each location
Demo Proshare
Fast Video
high tech graphic games for the concept of virtual reality
IBM PS/2 TV
Live 1000
PC 100
Picturetel (5)
whatever the state approves
yes-don't know what is available

B. In what capacity or purpose?
desktop to integrate total system
instruction
introductory information
LAN
meetings in and out-of- state
point-to-point, conferencing
recruitment, advertisement, and educational training
single user point-to-point
to link presidents together
to interview out-of-state job applicants
used for teleconferencing by the institute presidents

XVII. DATA

A. Please indicate your use of the following:

1. **Peachnet?** *Yes (15); No (10); Soon (5)
   - *As vehicle to get into DOAS communications
   - *E-mail
   - *ERIC
   - *For accessing information and transmitting administrative data
   - *Go Network - PACS FACS (2)
   - *GOPHER
   - *State of GA contracts
   - *Through Internet (2)
2. **Internet?** *Yes (14); No (9); Soon (6)
   - *Browsing
   - *E-mail (4)
   - *FTP (2)
   - *GOPHER
   - *Research (3)
   - *Search library catalog
3. **Instructional Television Fixed Service (ITFS)?** No (33)
4. **Integrated Services Digital Network (ISDN)?** Yes; No (31); *Soon
   - *pilot project for one year by end of year
5. **Switched Multimegabit Data Service (SMDS)?** *Yes; No (32)
   - *switched to S6 desktop conferencing

B. What LAN (local area network) is or will be in place (Token Ring, Ethernet, Arcnet, etc.)?

- ARCNET (2)
- Ethernet (17)
- FDDI
- LAN
- Novell
- TK
- Token Ring (24)

C. Will there be computers in the classrooms? Yes (32); No (1)

How many?

1 (2)	88	200 (2)
10 (2)	100 (4)	225
20 (3)	140	250
24 (2)	150 (2)	300 (2)
30	160 (2)	350
80	195	500

How many computer labs?

1 (2)	7	13
3 (3)	8 (4)	15
4 (5)	9 (2)	16
5 (4)	10 (4)	20
6 (3)		

D. Are you interested in Barcode Readers? Yes (25); No (5); Maybe (3)

How many?

1 (8)	4	10
2 (3)	5 (3)	12
3 (2)	6 (2)	

What applications?

Administration (2)
Automated Registration
Bookstore (4)
Cafeteria
Education/Instruction (3)
Identification
Inventory (12)
Library (7)
Multimedia Response (2)
P.O.S.
PROPS
Security
Stud. Records (3)
Time Cards

E. What computer platforms will you be using?

386 (2)
486 (6)
AIX (Unix) (9)
AOS
Apple/MacIntosh (6)
AS/400 (4)
DOS/WIN
IBM pc compatible (8)
IBM PS/2
IBM ValuePoint (2)
MS-DOS (6)
Novell (4)
PC DOS (3)
Quadra 660AV
RISC/6000 (9)
TCP/IP
WIN (4)
Pentium

F. Application software used and revision (WordPerfect, Lotus, etc.):

ACCOUNTING
Accounting I
Accounting II

Aldus
Ami Pro (2)
Authorware

AUTOCAD
AutoCad
AutoCad 12

BASIC
Borland
CAD
COBOL
Compel (2)
Corel IV

DBASE
dBase (7)
dBase II
dBase III (2)
dBase III Plus (4)
dBase IV (15)
dBase V

DOS
DOS
DOS V 2.1
DOS VI 2.1
DOS/WIN 6.0 (6)

EXCEL
Excel (5)
Excel for WIN 5.0 (2)

FAXworks
Foxpro
Freelance

HARVARD GRAPHICS
HG (4)
HG 2.0 for WIN
HG 3.0 (2)

LOTUS
Lotus (13)
Lotus 2.2 (2)
Lotus 2.3 (6)
Lotus R2.4 (7)
Lotus 3.0
Lotus 3.3
Lotus 3.4 for DOS (2)
Lotus 4.0 (6)
Lotus 4.1 (3)

MicroPace Plus

MICROSOFT
Microsoft
Microsoft Excel (2)
Microsoft Pro. Office
Microsoft Project
Microsoft WIN
Microsoft Word (3)
Microsoft Works (2)
Monarch
Multimedia Toolkit
Norton Utilities 8.0
Pagemaker (9)

PARADOX
Paradox for WIN (3)
Paradox for WIN 4.5
Powerpoint (4)
Print Shop Deluxe
Quicken
RPG
Smartcom
Soundblaster
SW Keyboarding
TCP/IP for DOS 2.1.1
WIN (2)

WORDPERFECT
WP (11)
WP5.1 (12)
WP5.1 for DOS (2)
WP5.2 (3)
WP6.0 (7)
WP6.0a (2)
WP6.0b
WP Access (3)
WP5.0 for WIN
WP6.0 for WIN (3)
WP Office (2)
WP Present. (2)

G. How do you control licensing?

As best we can
By person and room number
Central. ctr. purch./ distr. (5)
Controlled by Borland
Controls in software packages
Departmental (2)
Fry utilities
Licenses kept in one location
Limit labs to certain servers
Monitoring software loaded on file servers
Network distribution
Network restricts
Network-based inventory checks
Networked licensing count
Networked versions
Over purchase of number copies
Purchase per package (2)
Put software on server, lock up other copies
Server-based applications
Site license (5)
Site networks
Through deans and directors
Through Info.Tech. Committee
Through office of director of computer services
Through office of Instruct. Svc.
User locks on servers

H. What current computer hardware are you utilizing?

1. <u>Apple/MacIntosh</u>

Quantity:

1
2 (2)
5 (2)
8 (2)
10 (3)
12
14
16
20
27
40
30
50

Model:

Apple
Centris (2)
Classics
II E (2)
LC 520
LC IILC III (3)
MAC II SI
MAC SE (2)
MacIntosh (4)
Quadre
660 AVS/475

2. <u>IBM/Compatible</u>

Quantity:

6
25
35
45
75
80 (2)
88
100
140
150 (6)
170
180
200 (6)
225
250 (2)
257
280
300
346
400
410

Model:

55
70
80
55 SX
286 (7)
386 (9)
405X
433 DX
433 L
486 (16)
Dell
IBM 8088
IBM/AST (2)
IBM RISC/6000
IBM WINN
NotebooksPentium
586
PS/2 (7)
ValuePoint (3)
Zenith

3. **Sun**
Quantity: 1; 20 (UNISYS)
Model: MPI 4336; SPARC 10

4. **Tandy**
Quantity: 80 (Zenith)
Model: ZSelect 100

5. **Next**
no responses

6. **Multi-Media**
Quantity:

2	18 (2)	35 (2)
3	20 (5)	50 (2)
4	22	113
12	30 (2)	200

Model:

486 (4)	IBM/AST (2)	RISC/6000 320h
AS/400	IBM MMC	RISC/6000 340h
DELL 486	IBM Ultimedia	RISC/6000 590
DELL 486/DX2	IBM ValuePoint (4)	Ultramedia M77 486
IBM 433 DX	IBM WINN	

I. **What potential new hardware, if any, is the school considering to implement?**

Assorted PC's (18)	HD	Scanning Equipment
ATM Ring	High Availability Computer System (2)	Switching Hubs
CD Recorder	Imaging (2)	Tapes
CD-ROM, F Servers/ Jukeboxes	Intelligent Network Hubs	Teleconference video
CD-ROM Tower	LAM and CAU	Thinkpads
Color Printing	LANS	Token Ring (2)
Computerized Library	MacIntosh Desktop Publishing/Printing	Touchtone Registration
Dynacom	Modem Pad	TV Monitors
Electronic Media Distribution (2)	Multimedia labs	TV/Sound Card
Ethernet	Networking Components	TV/Video Card
FDDI (2)	Novell Server	Video Servers
Fiberoptics	Printers	Virtual Reality HD
Graphics Scanning	Projection Panels	
HD High Tech Multimedia (2)	RAID Disk Subsystems	
	Routers (3)	

J. **Is the data network going to be run parallel or integrated with the Integrated Information System?**

Integrated (18)	Not Familiar with IIS (4)
Not Applicable (3)	Parallel (2)

K. Type and number of printers?

Apple/MacIntosh
Band
Dot Matrix (4)

EPSON
Epson
Epson 1170
Epson Dot Matrix (3)
Epson Laser
Epson LX 810 (2)

Graphic Plotters

HP
HP (2)
HP IIP
HP IIIP
HP Inkjet (4)
HP IV (4)
HP IVP (2)
HP Laser (12)
HP Laser II
HP Laser III (5)
HP Laser IIISI
HP Laser IV
HP Laser IVL (6)
HP Laser IVSI

IBM
IBM (8)
IBM 2380
IBM 3262
IBM 4029/4039
IBM 4230
IBM 4232
IBM 4234 (2)
IBM 4234-013 (3)
IBM Band
IBM Dot Matrix (10)
IBM Laser
IBM Line (2)
IBM Proprinter II
Laser (7)
Lexsmark Laser
NEC Dot Matrix
Okidata

PANASONIC
Panasonic (3)
Panasonic Dot Matrix
Panasonic KX1124
Panasonic KX1180
Panasonic Laser

Plotters
Proprietor
Sharp Laser
Star NX 10
Tektronix Phaser 220i

Total # at each technical institute:

4
6
7
9
12
14
30
47
60 (2)
62
64
74
80 (3)
83 (3)
85
89
100
102
126
152
180
181
250

L. Type, ram disk size, and number of servers?

Type	Ram	Disk Size	Servers
3 GIG	?	?	2
AIX	256mb	4gb	1
AIX	64mb	1gb	1
AS/400	16mb	800mb	1
AST Premmia	32mb	2gb	1
Ethernet	?	?	2
HP	8mb	1gb	1
IBM PS/2	12mb	?	1
IBM PS/2	8mb	500mb	1
IBM PS/2 m95	24kb	1.5gb	1
IBM PS/2 m80	?	?	2
IBM PS/2 m85	?	?	1
IBM PS/2 m95	?	?	1
IBM AS/400	?	?	6

IBM RS/6000	?	?	5
IBM RS/6000	256kb	1gb	1
IBM RS/6000	?	6gb	1
IBM RS/6000	580mb	4gb	1
IBM m60	10mb	300mb	1
IBM m80	4mb	340mb	1
IBM m80	16mb	300mb	1
IBM m85	16/32mb	5/1.5gb	1
IBM m85	32mb	1gb	1
IBM m85	?	?	1
IBM 55sx	8mb	10mb	1
IBM 80		50 meg	2
IBM Tricord			
IBM ValuePoint	4mb	340mb	1
IBM 486	250-500MB	1GB	1
IBM 586	?	?	1
IBM 9595	16	500	1
IBM ?	16mb	400mb	1
LSI	8mb	240mb	1
Mitsubishi	8mb	240mb	1
Novell	16mb	1gb	1
Novell	2.11mb	500mb	1
Novell	3.12mb	600mb	1
Novell	?	?	2
Novell System	?	?	5
RISC 6000	65mb	?	3
RISC 6000	?	2gb	1
RISC 6000	128MB	?	1
RISC 6000	?	3gb	2
RISC 6000	64mb	2.5gb	2
VTech	8mb	420mb	1
Value Point	8mb	?	1
Zenith	24mb	500mb	1
Zenith	24mb	1gb	1
ZServer	32kb	2gb	1
286	4mb	?	1
386	4mb	?	1
386	12mb	160mb	3
386	24mb	347bhd	
486	16mb	508mbhd	
486	32mb	750mb	1
486	12mb	1.1gb	1
486	16mb	4.5gb	1
486	52mb	1GIGhd	
486	?	?	2
?	16mb	500mb	1

M. Type and revision of network software:

AIX 3.2 TCP/IP for DOS	Novell 2.15
AIX 3.2.5 (2)	Novell 2.2 (2)
AIX 3.2.3	Novell 3.1
AIX ?	Novell 3.2
AS/400/OS	Novell 3.11 (11)
IBM LAN Manager I	Novell 3.12 (10)
IBM PC LAN (2)	Novell 3.2.5
IBM TCP/IP 2.1.1 (3)	Novell 4.0 (3)
IBM ?	Novell 4.01
Lantastic	Novell 4.12
Novell Netware (4)	TCP/IP 2.0 (4)
Novell 2.0	UNIX SCO Version 4.2
Novell 2.11	RISC/6000
Novell 2.12	

N. Are you using fiber in your network? **YES** 22 **NO** 11

Where?

Backbone (10)	On RISC/6000 network
Between hubs (2)	Patch panel room to patch panel room
Building to building (10)	

O. Are you using a data "backbone"? **YES** 19 **NO** 12

What type?

AS/400	Thick Coaxial
Coaxial	Token Ring (4)
Collapsed Backbone	Twisted Pair
FDDI	UTP CAT five for Token Ring
Fiber (11)	

XVIII. GENERAL BUILDING CHARACTERISTICS

Building Characteristics

A. Single Building (6)
Multiple Buildings (27)

B. New Facility (6)
Existing Facility (28)

C. Maximum Distance from Media Center to furthest location (in feet)?

200	600 (2)	1800-2000
300 (2)	700	2000 (2)
367	800	2900
400	1000 (7)	3600
500	1500 (2)	

Do you have mobile classrooms or fixed remote sites?
YES 17 **NO** 16

1. **What type and how many?**

Adult literacy sites (3)	Off campus sites
Continuing education building	Regular classroom (3)
Fixed remote site (3)	Remote site (2)
LPN Classroom - Metter, GA	Truck Driving Classroom - Sanderville, GA
Mobile home type trailers (5)	Unit not connected - Blakely

2. **How are they connected?**

CATV	Not connected to main campus (2)
FAX	Not at present (4)
Fiberoptic	T1 circuit
Internally connected via token ring & coax cable	Telephone (7)
Modem (2)	Twisted pair
	UTP

3. **If multiple buildings set up, is conduit existing?**

YES 9 **NO** 10

a. **Size of Conduit (in inches)?** 1¼"-5"; ¾"-2"; 2 (2); 3; 4

b. **Number of Conduit?** 1 (3); 3

XIX. CABLE

A. Infrastructure desired

1. **Fiber-Optics:** 23
2. **Coax:** 8

B. Existing Cable Plant

Inside:

CAT five data and CAT three voice lines to desktop from wiring closets and fiberoptic multi-mode between buildings and between wiring closets	Token ring
	Twisted pair (2)
	Type one STP to nodes
	Type one copper (2)
	Type two
Coax (3)	Type five
Copper (4)	Unshielded level five twisted pair
Fiber (6)	Unshielded twisted pair
IBM Type one plenum	UTP
IBM Type one twisted pair	Wiring closets in each wing
IBM Connector	Within each building
Shielded twisted pair (4)	

Outside:

Coax cable UTP	Fiber (11)
Connecting all buildings	None (7)
Copper	Not applicable (4)

C. **Level (or grade) of data cable (CATS, etc.):**

Base two
Base five
Base T
CAT five UTP
CAT five unshielded
CAT five (4)
CATS
IBM type one plenum
Level five (5)
Level one (2)
Level five plenum
Multi-mode fiber
RG6 75 Ohms
Silver satin
Type one (6)
Type one and type two token ring
Type five
Type two

D. **How many pairs to each station?**

1 pair
2 pair (8)
3 pair
4 pair (8)
8 pair
Unknown

E. **Do you have plenum ceilings?** **YES** 22 **NO** 8

Suspended with 3 - 4ft. space above

XX. SOUND

A. **Is there an institution-wide paging system?**

YES 17 **NO** 16

1. **Type (room, zone)?**

All rooms via phones
Intercom (2)
PA
Room (6)
Telephone intercom
Three zone Bogen 60w amps
To each room
Wired speaker/microphone

2. **Number of rooms of zones:**

30
30-45
47
57
68
70
75 (2)
All rooms wired
Four buildings

3. **Type/number of speakers:**

30
40-45
70
70v ceiling
75 (2)
All late 70's technology
None

4. **Any outdoor speakers?** **YES** 8 **NO** 18

B. **Do you have a portable sound system? If so, describe.**

No (14)
AC/DC
Bull horn
Built into lecturn (2)
Desktop
Horizon speakers and four audio-tech microphones Pro 4L models
Lecturer with amp
Peavy PA (2)
Perma-Power model 5-702 amp with speaker
Yes (5)

How is it used?

As a PA system (2)
For lectures as needed
In board room and student center
In emergencies
Outside events
Outside groundbreaking
Small group presentation (3)
Special occasions (4)

C. **Do you have an engineered system? (permanently installed)?**

YES 10 **NO** 20

Not operable
Will have with new building
Came with building
One building
Uses wireless microphones and PA
Only one in meeting room

D. **What problems are you having reaching employees within the institution?**

Considerable - always a problem
Few (2)
Intercom system distorts sound
Limited phone access and difficulty locating people (4)
Messages in employee boxes may not be received or read
No faculty offices and therefore no phones
No e-mail (2)
No paging system - have radios
No paging or intercom (2)
None (4)
Phone system does not always roll over
Some areas not covered by speakers
Unable to contact certain people at all times - must be able to because of security

E. **Do you have any powered lecterns?** **YES** 20 **NO** 11

AC powered portable (2)
Anchor lectern with liberty MPB-4500 amp and wireless microphones
Floor model
Lehigh
PASO SL400
Panasonic
Portable (3)
Type carrivoice cv7
Unknown

XXI. MOBILE EQUIPMENT

A. **Do any employees carry pagers?** YES 25 NO 7

1. **How many?**

1 (2)
2 (2)
4 (7)
5 (4)
6
8 (2)
10 (2)
11 (2)
12
21
35

2. **Area covered:**

20 miles
Atlanta-metro
campus (2)
city limits
local (5)
main campus
maintenance
North Georgia
president, continuing education, maintenance supervision, custodial service
statewide (8) (1 using DOAS system)

B. **Does the institution have any cellular phones?** YES 8 NO 24

1. **How many?** 1 (5); 2 (2); 3
2. **Reason for use:**
   - Commercial Truck Driving
   - president
   - travel
   - telephone access in parts of building without phone service
   - communication

C. **Do any employees need to access computer services (e-mail, word processing) remotely?**
YES 26 NO 5

Why?
access to Internet or BBS systems for software patches
administration needs e-mail from GO Network
administrative computer specialist--for 24 hour, 7 days per week access for trouble-shooting and error correction
communications with DTAE, business Operation via GO Network (Georgia On-line) MIS Operation to submit enrollment data
data access when traveling or working at home
e-mail (2)
e-mail to other DTAE employees (2)
energy management
for communication and administrative purposes
for productivity (2)
in daily work, off campus access
remote computer system management
remote entry-gradebook system
remote registration--work at home after hours
system administration, file transfer, word processing
the Go-Network for FACS, PACS, PROPS, FARR, & SPIN
to solve network problems, administrative projects, and problem solutions
to work at home after regular hours
to do work from home and when out of town
to complete day-to-day business when off campus
to access stored data and for registration
satellite locations
travel

D. **Do you have a technology committee at your institute?**
YES 24 NO 9

1. **How many are on the committee?**
   - 4 (2)
   - 5 (2)
   - 6
   - 7 (2)
   - 8 (3)
   - 9 (3)
   - 10 (2)
   - 12 (2)
   - 14 (2)
   - 15

2. **What is the makeup (administrators, faculty, support, students, community leaders, etc.)?**
   - administrators and faculty (8)
   - administrators, technical support, and media specialist
   - administrators, instructors, and support (5)
   - cross-sectional
   - faculty, administrators, and staff (3)
   - faculty, student, and administrators
   - instruction, student, and administrative services
   - technical support
   - VP's, faculty, and staff

XXII. SECURITY

A. **What kind of security system do you have?**
CAD room is alarmed
motion sensors are used throughout the building to detect movement when rooms are presumed empty
none (3)
Parrine infrared and motion detection and door sensors
passwording is used on the network
contracting
__16__ **Guards**
__24__ **Burglar Alarm** fire alarm
__3__ **Cameras**
__1__ **Card Access** entry code-manual

B. **Guards** none (3)

1. **Who provides the service?**

Burns Security	Parker Security
city police and United Alarm Systems	part-time security officers
county police	Pinkerton Security
employees (2)	private security individuals
GA Security	sheriff
[our] tech and [our] school system	the institution (3)

2. **Number of guards:**

1 (2)	6 (2)	1-3 at a time
2 (4)	1 day, 1 night	4 full time
3 (2)	2 part time	6 rotating--2 per shift
4 (2)		

3. **Hours of duty _____ to _____:**

6:00am-6:00pm (2)	8:00am-10:00pm (2)
6:30am-11:00pm	5:00pm-7:30am
7:00am-11:00pm (3)	6:30pm-10:00pm
7:15am-9:30pm	7:00pm-10:00pm
7:30am-10:30pm	10:30pm-6:00am
7:30am-4:00pm & 3:00pm-11:00	7:00-7:00 24 hours a day

4. **Do you use rounds clocks?** YES _____ NO __18__
plan to use Detex patrol manager
5. **Number of clocks:** _____

C. **Burglar Alarm** none; drafting CAD room only

1. **Brand of system (control):**

Ademco (3)	Morse product
ADEMCO 1005	motion sensor
ADT	multiple
Alarm Device Manufacturing Company	Radionics
ALERT-TECH	Simplex 4001 / Star XL4800 EZ
Arrowhead	unknown (2)
Beacon	Vector
Fire Burglary Instrument, Inc	Vista
Honeywell	[our] school system central system

2. **Is it UL certified?** YES 23 NO 1

3. **Number of zones:**

1	6 (2)	63
2	7	65
4 (2)	8 (3)	not sure
5	26	all

4. **Devices:**

17	**doors**	**number** 1 (2); 2 (3); 14; 24 (2); 25; 62
20	**motion det.**	**number** 2; 6; 7; 11 (2); 12; 18; 33; 35; 63; 100;
4	**photo beams**	**number** 1; 4 each room
2	**ceiling access**	**number**
5	**windows**	**number** 3; 6; 17; 280
2	**glass break**	**number** 12; 49
2	**heat**	**number**
9	**smoke**	**number** 1(3); 3; 5; 10
1	**riser valve**	**number**
2	**hold up**	**number** 1; 12
5	**key pads**	**number** 2 (2); 5; 8; 12

5. **Is your complete perimeter protected?** YES 11 NO 16
How much? 25%; 75%; all (4)

6. **Is your system monitored?** YES 19 NO 7

7. **By whom?**

18008294580	local police/fire, local vendor
ADT Central Monitoring Service	maintenance
ALERT-TECH	Omni Security
Automatic Protection Services	[our] school system and county police
Beacon	plant engineer
county sheriff's dispatch	Security Central Lake Norman Security Panel--Statesvill, NC
Georgia-Florida Burglar Alarm (2)	School Detective Officer (APS)
Honeywell	Security Alliance--Richmond, VA
	service
	United Alarm Company

8. **Are separate areas accessible without disarming the entire system?**
YES 19 NO 7

9. **Do you have high security areas (computer room, records)?**
YES 16 NO 10
If so, how are they protected?

ADT	locked doors (3)
alarm	locks, lights, and local police cruising by
burglar alarm motion sensors	motion detectors (5)
central alarm system	security guards, vaults, lock and key system
digital key lock	vault

D. **Cameras**

1. **Do you use video surveillance?** YES 5 NO 25
Where? machine shop classroom; bookstore; library; hallways; corporate training center

2. **Do you have time lapse recorders?** YES 1 NO 28
Quantity: 2 **Brand:**

3. **Are any cameras pan-tilt?** YES 2 NO 24
Quantity: 2; 5 **Type (coaxtron):**
Where? bookstore, distance learning room; corporate training center (exterior)
4. **What kind of cable is used for cameras (coax, fiber)?** coax (5)
5. **Do you need to control cameras in multiple buildings from one location?**
YES 3 NO 12
Where? parking lots/building entrances; plant services building; administrative office

E. Card Access
1. **Do you have a card access system?** YES ____ NO 28
2. **Do you have high security areas?** YES 7 NO 25
If so, where?
administration, business office, and concession area
business office and computer room (2)
business office, records office, equipment throughout the campus
computer labs (2)
server room
varies, depends on programs
3. **Would you like to track location of employees?**
YES 1*; 7 NO 17
* only as it relates to high security and restricted areas

F. General
1. **Are there security problems currently existing (theft, vandals)?**
minimum or moderate (2)
minor
no (9)
occasional theft
perceived fear of personal attack--violent confrontation on the part of some staff and students
petty larceny
petty theft (2)
some vandals
some theft of personal valuables, [school] assets
thefts, miscellaneous vandalism (2)
yes, potential high for theft
yes, over the past 2 months, campus theft has increased--also, more cars were broken into summer quarter

XXIII. TWO-WAY RADIOS

A. **Do you have two-way radios?** YES 22 NO 11
1. **What type?** Motorola (19); Radio shack; GE; CB; Bendex
Model:
5414B
EPU 414 OM-02
hand held walkie talkies (2)
HT210
HT600 (5)
HT90 (4)
Midland Int'l No. 13-883B
MPD
Radius P50 (2)
various (2)

2. **Quantity:**

1	5	10 (2)
2 (2)	6 (3)	11 (3)
3 (2)	8 (2)	22
4 (3)	8-10	

B. **Do you have a base station?** YES 9 NO 21

C. **Do you have a base tower?** YES 5 NO 25

1. **Height?** 12'; 25'; 30'; 50'; 220'
2. **Transmission range?** ½ miles; 1 mile; 2 miles; local 3-5 miles; 50 miles

D. **How do you use the radios?**

building maintenance and custodial service
communicate, security, and monitoring FCC license
communication between guards, administration (2)
maintenance and security communication (4)
maintenance/operations, security guards
maintenance, traffic control, remote
not being used
operations/security
to keep in contact with maintenance (4)
to communicate with office administrator and security at night
walkie talkie

E. **Do you have telephone patch capabilities?** YES _____ NO 29

F. **Do you have a repeater?** YES 1 NO 27

G. **Monthly charge (if any):**

H. **Are there other ways in which you would like to use radios?**

maintenance personnel scattered could better support each other, security on patrol in contact with office, contact key employees
no (5)
we currently have "in-house" voice pages for custodial staff
would like to investigate possibility of 2-way radios for maintenance and security

XXIV. **DO YOU WANT TO IMPLEMENT A SCHOOL NEWSLETTER OR BULLETIN BOARD VIA MENU SELECTIONS LOCATED ON THE MONITORS?**

YES 25 NO 6

A. **What types of equipment would be needed or utilized in the future?**

1. VHS	17	**6. Still Video**	9
2. S-VHS	16	**7. CD-I**	5
3. Slides	5	**8. Level III**	5
4. Laser Discs	15	**9. Computers**	22
5. CD-Rom	20		

B. What types of mediums are currently being used?

1.	**VHS**	**Quantity:**	1; 3; 7; 6 (2); 12 (2); 15 (3); 20 (2); 22 (2); 27; 30+; 42
		Model:	AG 2200; AG6400; AG2500; AG 1000B; Various (2); VHS 4 Head XA 310; AGS2V, VCJ201, GHV-1265M, VR 1820-1, HR-D72OU; GVR-B445; NV 8420; NV 8500; regular VHS; 300
		Brand:	Panasonic (4); Goldstar (2); Sharp (2); RCA; Zenith; JVC; Curtis Mathis; varies; multiple; all
2.	**S-VHS**	**Quantity:**	1; 2 (2); 15
		Model:	AG 1150; AG-7350
		Brand:	Panasonic (3); Cannon
3.	**Still Video**	**Quantity:**	1 (3); 3; 6
		Model:	570; RC360
		Brand:	Canon (2)
4.	**35mm Slides**	**Quantity:**	1 (3); 2 (3); 4 (3); 20
		Model:	Ektagraphic: III; B-2; AF-2; 750; AM; 850H; 800H; 9000/7000; various; EIIA;
		Brand:	Kodak (3); Minolta
5.	**16mm Film**	**Quantity:**	1 (3); 2; 3
		Model:	
		Brand:	EIKI
6.	**35mm Filmstrip**	**Quantity:**	1 (3); 4; 40
		Model:	28A1B
		Brand:	Dukane (2)
7.	**Laser Disc**	**Quantity:**	1 (5); 4 (2); 5 (2); 6
		Model:	20V 4200; LD-V4200; 2400
		Brand:	Pioneer (4); Panasonic; Sony; Radioshack
8.	**CD-Rom**	**Quantity:**	1; 2 (2); 4; 5; 7; 8; 20 (2); 25; 26 (3); 50 (2); 60; 250
		Model:	DRM 600/Proquest/Infotrac Workstations; PS12 Ultimedia, CA 17005; Fusion CD; MPC II; various; 486; IBC
		Brand:	IBM (4); Hitachi (3); IBM Value Point Computer (2); Pioneer; Winn
9.	**CD-I**	**Quantity:**	1 (3)
		Model:	
		Brand:	

note: all flood damaged items will be replaced with state of the art equipment and educational material; not implemented at this time; none

C. **Are you interested in utilizing a wireless keyboard to access information located at the media center? How many rooms would like this capacity?**
all that are tied to the media center
Dynacom system provides this technology
have not seen a wireless keyboard
no (8)
our ortonet node to the library and on to [our school's] community is being planned
the library is interested in computer modem phone access to the library network from homes and throughout the campus
would like to know more about this
yes, 12 rooms
yes, 17
yes, all eventually
yes, 10
yes, staff and instructor offices and classrooms
yes, 3
yes, unsure of number

D. **Do you want computer information displayed to the area's large monitor? Which locations?**
all 12 locations
central located monitor across campus
control sites
Dynacom system will provide the technology
main lobby, lecture rooms, auditorium
no (3)
student center (3)
we do this now
would like to know more about this
yes
yes, all (3)
yes, classrooms
yes, each of the 3 bldgs
yes, student center, foyer, hallways (2)

E. **Do you want the capacity to broadcast from any particular to any other room? Which locations?**
all distance learning sites
from one location (media center) to any of rooms in school with AV connection
no (5)
would like to be able to broadcast institute-wide when networking is completed
yes, all (3)
yes, all classrooms
yes, classrooms, conference rooms, distance learning lab (2)
yes, hopefully Dynacom technology will provide
yes, library and administrative office to all buildings (2)
yes, remote locations

XXV. MISSION STATEMENT:

To stay abreast of computer technology and software development to the extent that our students are capable of working with these leading edge technologies as they come available in the work place.

Our vision is of a unified system of technical education, customized business and industry training, and adult education using the best available educational technology and offering easy access to lifelong education and training for all adult Georgians.

Technology is a vital part of the institutional strategy.

[Our school] is a comprehensive, public two-year postsecondary institution that provides accessible, affordable, high quality education and training. The institute prepares students to enter the job market, allows them to transfer to senior college and universities, and assists them in achieving their professional and personal goals.

Provide the citizens of [our city], surrounding counties, and the State of Georgia with high-quality postsecondary educational courses, services, and training programs which develop individual skills and abilities provide for intellectual and career development, and meet the needs of Georgia and local business and industry.

None at present for Technology area.

To provide [surrounding] counties and surrounding communities with excellence in educational programs and services for the career development and employment needs of our citizens, businesses, and industries.

[Our school] is committed to utilizing the latest and most sophisticated technology in order to better serve our service area.

The mission of [our school] is to meet the changing educational and technological needs of the local community, to promote and participate in the economic development of the community, to minimize the barriers to the educational opportunities provided, and to improve the intellectual and technical skills of individuals. Adult literacy training, general academic and technical education, customized business and industry training and continuing education services are provided to help build and maintain a competitive economy and to prepare area citizens for access to high skill, high wage jobs.

The mission of [our school] is to provide comprehensive academic and technical education, customized business and industry training, and continuing education learning services that are responsive to the needs of the citizens, businesses, and industries within its six-county service area.

As a member of the state system of technical institutes, [our school] prepares citizens for employment, including high skill, high wage positions, which help to promote the economic well being of middle Georgia.

[Our school] provides relevant services including adult literacy, general academic and technical education, customized industry training, and continuing education at a world quality standard. The purposes of these services are to help build and maintain a competitive economy which provides high skill and high wage jobs and to help prepare individuals for access to those jobs. Our vision is to be part of a unified system of technical and adult education offering easy access to a lifelong education for all adult Georgians. We envision [our school] as an integral part of a seamless educational process for Georgia in which students may efficiently transfer credits from secondary schools to technical institutes to colleges and universities. [Our school] will continue to be a part of the technical education system of the future that will create a quality workforce for Georgia and assure economic competitiveness in the international marketplace. This system will be the preferred educational option for those adult whose career choices require specific occupational qualifications beyond a high school diploma but do not require a four-year college degree. Values: commitment to the students; high quality programs, services, and facilities for all customers; professional and caring faculty and staff; attractive programs, services, and facilities; purposeful innovation; and cost effectiveness.

See [our school's] Strategic Plan if you mean school's mission statement.

Yes, PC upgrades, network upgrades.

To provide technologically advanced education services to our customers.

This mission of [our school] is to provide leadership in meeting the changing technical education needs of the local community to promote and participate in the economic development of the community to maximize educational opportunities with other agencies, businesses, industries, and to improve the basic, personal relationships.

To assist economic development by providing world quality educational and related services to individuals, businesses, industries, agencies, and other markets.

The mission of [our school] is to meet community needs for economic development and residents' needs for lifetime learning and career development by offering instruction, customized training, and programs leading to adult literacy. In accomplishing its mission [our school] provides opportunities for earning diplomas, prerequisites for licensing, and certificates of achievement in a variety of technical and continuing education fields. As part of this larger mission, [our school]'s faculty and staff are dedicated to building community support for state-of-the-art technical and adult education and providing services that are friendly and easily accessed by students and other members of the community. in support of this mission, [our school] has five major responsibilities: 1) Providing quality instruction in skills that lead to satisfactory jobs and job performance. This division consists of programs of instruction or technical training leading toward a diploma, continuing education, or adult literacy. 2) Developing Opportunities and supports for students. This division assists students to discover and attain their educational and career goals through the judicious use of counseling, orientation, diagnostics, financial assistance, scheduling, and placement services. 3) Encouraging Economic Development. This division links [our school] to the community by offering customized training as well as coordination with the regular instructional, continuing education, and Georgia Quick Start services. 4) Encouraging community development. This division is responsible for developing community support for [our school's] programs and services through marketing, fund-raising, alumni development, coordination with industrial councils, civic groups, and other patrons. 5) Administering programs and services. This division is responsible for all financial, purchasing, payroll, personnel, maintenance and custodial duties. This division works with all faculty, staff, division leaders, and state officials to ensure that the administrative needs of the technical institute are met in the most efficient manner.

Are any technology projects being phased in over a period of time? What initial configurations would be considered?

Head in room will be located in new classroom/conference/administration building.

Imaging, video distribution, development and implementation of multi- media instruction, the use of business and industry simulations in instruction.

Economic Development: ACT assessment testing; mechanical/electrical assessment lab; exploring teleconferencing.

Yes, lots of plans in place; doesn't make sense.

Yes--multimedia presentation and distance learning.

[Our] area - Fiber Project (Video & Data) ISDN project.

Distance Learning in G-Sams Multi-media classroom and teleconferencing.

Plans are to build a Research Lab in new library to include local business and industry/Multimedia lab/Local Area Network.

Classroom for teaching, networking, classroom for maintenance and installation, hi-tech multimedia lab including video and audio capabilities.

Linking cable TV, satellite transmissions, and teleconferencing through a local system that places the satellite, teleconferences, and VCR on separate channels accessed by any TV with AV connection.

Token rings network continued into new building.

Fiber optics for new building connection to Banner.

Also add Internet access to institution.

Data connections (fiber optics) will be implemented at two new buildings now under construction.

Network Internet Access.

Planning for new campus.

Campus wide network.

LAN FAX Server, video server, LAN electronic mail services.

Yes, campus data and RF network.

Distance learning lab by Nov. '94 computer campus wide administrative network - June '95 video monitor oard cart by June' 95.

Picture-Tel, GSAMS.

School wide computer network, token ring, fiber backbone between buildings, level 5 plenum in building.

Dynacom switch.

Fiber optics wiring, Banner and Distance Learning.

Please use this area to describe any custom feature your particular school would like to be integrated in the technology plan that is not currently addressed.

Would like a computer system that will allow HVAC/Security/Power Usage/Information to be utilized/discontinued as needed.

The use of virtual reality for instructional purposes.

More institute wide utilization of Banner software--integration of student accounts receivables into state system.

Better use of e-mail, voice mail.

Video on demand throughout; broadcast capability; video desktop computer.

Video production.

Direct Connect to Douglasville via fiber FDDI network.

Would like to be included in any technological advancements/experiments in the future.

Interconnectivity between all technical institutes libraries via Fiber Optical Cable.

Digital connection to local industry and school.

We have a desktop conferencing system using IBM computers and Picture-Tel video and switching cards that could be value to schools.

Headroom for audio/video transmission in new building.

[Our school] needs an efficient and cost-effective state-of-the-art information network allowing multimedia applications, distance learning, and shared video reception capabilities to be implemented. In his era of rapidly evolving applications and continually changing needs, the accurate foresight to avoid expensive rewiring is essential. Our goal is to prepare our classrooms for the future. Background: (these issues must be addressed) current users, expectant growth of movement to the new building, percentage of new growth (anticipate future changes), number of drops per room (approximately). Note: an adequate number of drops must be planned carefully. More than one drop should be issued per room. Design objectives: 1) Connectivity. Connectivity is crucial for the development and support of the internetworking with data, voice, multimedia, and distance learning. One of the primary objectives is to let a USER connect to any system located anywhere within the school to utilize telephone, data, and video services, just by merely having a "plug-in" capability within the room. Each computer in the classroom will need a direct connection to a wiring closet or intermediate distribution frame. Maximum protection should be taken to prevent good loop potential and isolate problems for lightning. 2) Reliability and manageability. The network should be reliable with an uptime goal of 100%. Connectivity will not be affected by any down system. Should a system fail, only connectivity to and from that system is affected, while the rest of the network continues operating as usual. The risk of network congestion and traffic jam should be non-existent. In addition, the network should be easily administered by one person from a central location. 3) Configuration flexibility. The network configuration will be flexible enough to allow easy reconfiguration and to support future network growth. Adding a PC to the network should not require installing a transceiver on the network backbone and running an ethernet cable to the PC. Switching a system or giving video capabilities to a drop will, in most cases, necessitate the physical moving of the system to another location. 4) Cost-effectiveness. The overall network design will re-use hardware and software from the existing networks as much as possible. The network should also provide cost-effective solutions for sharing expensive printers. Physical layout, network design, and quality of materials should be carefully considered, keeping cost-effectiveness in mind.

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Data Matrix

TECHNICAL INSTITUTE INFORMATION TECHNOLOGY SURVEY

Institute	Utilize GPTV		Receiving dish		Uplink capability		Rental dishes		CTV availability		CTV service to Institutes		Utilize CTV		Wired CCTV		Telephone Company	C/Rooms wired for phone		Have microwave		Utilize microwave		C/rooms telelearn.	
	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		Y	N	Y	N	Y	N	Y	N
Albany		X		X		X		X	X		X			X	X		Southern Bell	X		X			X	X	
Altamaha		X	X			X		X	X		X		X		X		Southern Bell	X		X			X	X	
Athens Area		X	X			X		X	X			X		X		X	DOAS, Southern Bell		X		X		X	X	
Atlanta Area		X		X		X		X	X			X	—	—		X	—		X		X	—	—		X
Augusta		X	X			X		X	X		X			X	X		Southern Bell	X			X	—	—	X	
Ben Hill-Irwin		X		X		X		X		X		X	—	—		X	Alltel	X			X		X	X	
Brunswick		X	X			X		X	X		X		X			X	Southern Bell	X			X	—	—	X	
Carroll		X	X			X		X	X			X		X	X		DOAS, Southern Bell		X	X			X	X	
Chattahoochee		X		X		X	X		X		X			X		X	Bell South		X	X			X		X
Columbus	X		X			X		X	X		X			X	—	—	Southern Bell	X			X	—	—	X	
Coosa Valley		X	X			X		X	X		X			X		X	AT&T, GIST	X		X			X		X
DeKalb		X		X		X		X	X		X			X		X	Southern Bell		X	X			X		X
Flint River		X		X		X		X	X			X		X		X	GTE, ALLTEL	X		X			X		X
Griffin		X	X			X		X	X		X			X		X	Southern Bell	X			X		X	X	
Gwinnett		X	X			X	X		X			X	—	—	X		IIE Systems		X	X			X		X
Heart of GA		X	X			X	X		X		X			X		X	Southern Bell	X			X		X	X	
Lanier		X	X			X		X	X			X		X		X	Southern Bell, DOAS	X		X			X	X	
Macon		X	X			X	X		X		X			X		X	Southern Bell, DOAS	X		X			X	X	
Middle GA	X		X			X		X	X		X			X		X	ACTEL, Southern Bell	X			X	—	—	X	

Institute	Utilize GPTV		Receiving dish		Uplink capability		Rental dishes		CTV availability		CTV service to Institutes		Utilize CTV		Wired CCTV		Telephone Company	C/Rooms wired for phone		Have microwave		Utilize microwave		C/rooms telelearn.	
	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		Y	N	Y	N	Y	N	Y	N
Moultrie		X	X			X		X	X			X	—	—		X	ALLTEL	X		X			X	X	
North GA		X	X			X		X	X			X	—	—		X	Standard Telephone	X		X			X	X	
North Metro		X	X			X		X	X			X	—	—	X		Southern Bell		X		X	—	—	X	
Ogeechee		X	X			X		X	X			X		X	X		Statesboro Telephone	X			X		X	X	
Okefenokee		X	X			X		X	X		X			X		X	----	X		X			X	X	
Pickens		X	X			X		X	X			X	—	—		X	ALLTEL	X		X			X	X	
Savannah	X		X			X	X		X			X		X	X		Southern Bell	X		X			X	X	
South GA		X	X			X	X		X		X			X	X		Southern Bell	X			X		X	X	
Southeastern		X	X			X		X	X			X		X	X		Southern Bell, ALLTEL	X			X	—	—		X
Swainsboro	X		X			X		X	X		X			X	X		Southern Bell	X			X		X	X	
Thomas		X		X		X		X	X			X	—	—		X	DOAS	X		X		X		X	
Valdosta		X	X			X		X	X		X			X		X	DOAS, GIST	X			X		X		X
Walker		X	X			X	X		X		X			X	X		——	X			X	—	—	X	
West GA		X	X			X		X	X			X	—	—	X		Southern Bell		X		X	—	—	X	

Institute	Mobile C/rooms		FAX		Loaner dist. learning		Keypad		Telephone registration		HDTV		Virtual Reality		DVC		Data System	Current computer hardware
	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		
Albany		X	X			X		X		X		X	X		X		Peachnet/Internet	Apple/Mac, IBM/Comp, Multi-Media
Altamaha		X	X			X	X			X		X	X		X		Peachnet/Internet	IBM/Comp, Multi-Media
Athens Area	X		X			X		X		X		X		X	X		Internet	IBM/Comp, Multi-Media
Atlanta Area	—	—	X		—	—		X	—	—		X	X			X	——	Apple/Mac, IBM/Comp, Multi-Media
Augusta		X	X			X		X		X		X	X		X		Peachnet/Internet	Apple/Mac, IBM/Comp, Multi-Media
Ben Hill-Irwin		X	X			X		X		X		X	X		X		Internet	IBM/Comp
Brunswick		X	X			X	X			X		X		X		X	Peachnet/Internet	Apple/Mac, IBM/Comp, Multi-Media
Carroll	X		X			X		X		X		X		X	X		Peachnet/Internet/ISDN	Apple/Mac, IBM/Comp, Multi-Media
Chattahoochee		X	X			X		X		X		X	X		X		Peachnet/Internet (plan)	IBM/Comp
Columbus		X	X			X		X		X		X		X	X		Internet	Apple/Mac, IBM/Comp, Multi-Media
Coosa Valley		X	X			X		X		X		X	X		X		——	IBM Comp, Multi-Media
DeKalb		X	X			X		X		X		X		X		X	——	Apple/Mac, IBM/Comp
Flint River	X		X			X		X		X		X		X		X	——	Apple/Mac, IBM/Comp, Multi-Media, ANISYS, Zenith
Griffin		X	X			X		X		X		X		X		X	——	Apple/Mac, IBM/Comp, Multi-Media
Gwinnett		X	X			X		X		X		X		X		X	Peachnet/Internet	——
Heart of GA		X	X			X		X		X		X		X	X		Peachnet/Internet	IBM/Comp, Multi-Media
Lanier		X	X			X		X		X		X		X		X	——	Apple/Mac, IBM/Comp, PS2 Value point
Macon	X		X			X		X		X	X			X		X	Peachnet/Internet	IBM/Comp, Sun, RISC/6000, AS/400
Middle GA	X		X			X		X		X		X		X		X	Peachnet/Internet	IBM/Comp, Multi-Media

Institute	Mobile C/rooms		FAX		Loaner dist. learning		Keypad		Telephone registration		HDTV		Virtual Reality		DVC		Data System	Current computer hardware
	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N		
Moultrie		X	X			X		X		X		X		X		X	Internet (soon)	Apple/Mac, IBM/Comp
North GA		X	X			X		X		X		X		X	X		Peachnet/Internet	IBM/Comp
North Metro		X	X			X		X		X		X		X		X	Peachnet/Internet	Apple/Mac, IBM/Comp, Multi-Media
Ogeechee		X	X			X		X		X		X		X	X		Peachnet/Internet	Apple/Mac, IBM/Comp, Multi-Media
Okefenokee		X	X			X		X		X		X		X	X		Peachnet/Internet	IBM/Comp
Pickens		X	X			X		X		X		X		X		X	None	Apple/Mac, IBM/Comp, Multi-Media
Savannah	—	—	X			X		X		X		X		X	X		Peachnet/Internet	Apple/Mac, IBM/Comp
South GA	X		X			X		X		X		X		X		X	Peachnet/Internet/ISDN	IBM/Comp
Southeastern	X		X			X		X		X		X		X		X	Internet (not yet)	Apple/Mac, IBM/Comp, Multi-Media
Swainsboro		X	X			X		X		X		X	X		X		Peachnet/Internet (soon)	Apple/Mac, IBM/Comp
Thomas		X	X			X		X		X		X		X		X	Peachnet	Apple/Mac, IBM/Comp, Multi-Media
Valdosta		X	X		X			X		X		X		X		X	Peachnet/Internet	IBM/Comp
Walker		X	X			X		X		X		X		X		X	None	Apple/Mac, IBM/Com, Multi-Media
West GA		X	X			X		X		X		X		X	X		—	IBM/Comp, Multi-Media

Institute	Cable desired		Cable existing	Inst. paging system		Pagers		Cellular phones		Technology committee		Security system	Two-way radios		Want bulletin board monitors	
	F-Optics	Coax		Y	N	Y	N	Y	N	Y	N		Y	N	Y	N
Albany	X		COXIAL	X		X		X		X		Guards, Burglar alarm	X		X	
Altamaha	X		Type 1 twisted pair/copper wire	X			X		X	X		Burglar alarm	X		X	
Athens Area	X		Fiber/copper	X		X			X	X		Guards, Burglar alarm	X		X	
Atlanta Area	X		COAX	X			X		X	X		Contracted security, System (elec.) a door, Motion detour, Phone link to AP, Guard	X		X	
Augusta	X	X	Type 1 copper/fiber optics		X	X			X	X		Guards, Burglar alarm, Camera	X		X	
Ben Hill-Irwin		X	UTP		X		X		X		X	—	X		X	
Brunswick	X		—		X	—	—	—	—	X		—	X			X
Carroll	—	—	Fiber/copper	X		X			X		X	Burglar alarm		X	X	
Chattahoochee	X		STP/fiber/shielded twisted pair		X	X			X	X		Guard, Burglar alarm		X	X	
Columbus	X		—		X	X			X	X		Guard, Burglar alarm	X		X	
Coosa Valley	X		(not specified)		X	X		X		X		Guard, Burglar alarm		X	X	
DeKalb		X	Coax/fiber	X		X			X		X	Guard, Burglar alarm	X		X	
Flint River		X	Type 2/type 5		X	X			X	X		—		X	X	
Griffin	X		—	X		X			X	X		Guard, Burglar alarm		X		X
Gwinnett	X	X	Twisted pair		X	X			X	X		Guard, Burglar alarm, Camera	X		X	
Heart of GA	X		Fiber/b-bone/type 1 STP/IBM type	X			X		X		X	Burglar alarm/motion detector door sensor		X	X	
Lanier	X		STP IBM type 1/plenum/fiber	X		X			X		X	Burglar alarm	X			X
Macon	X	X	Coax/fiber optics	X		X			X	X		Guard	X		—	—
Middle GA	X		Unshielded type 5/twisted pair	X		X			X	X		—	X		X	

Institute	Cable desired		Cable existing	Inst. paging system		Pagers		Cellular phones		Technology committee		Security system	Two-way radios		Want bulletin board monitors	
	F-Optics	Coax		Y	N	Y	N	Y	N	Y	N		Y	N	Y	N
Moultrie	X		Unshielded twisted pair/fiber	X		X			X		X	Burglar alarm		X	X	
North GA	X		—		X		X	X			X	Guard	X			X
North Metro	—	—	Fiber/shielded tp/tp		X	X		X		X		Guard, Burglar alarm	X		X	
Ogeechee	X		Wiring closet in ea. wing		X	X		X		X		Burglar alarm, card access	X		X	
Okefenokee	X		IBM/tp1 twisted pair/fiber optic	X		X			X	X		Burglar alarm		X	—	—
Pickens	X		Shielded twisted pair/fiber optic		X	X			X	X		Burglar alarm, fire alarm	X		X	
Savannah	X		—		X	X		X		X		Guard, Burglar alarm, Contract	X		X	
South GA	X	X	W/each. bldg/connect all bldg.		X	X			X	X		Guard	X		X	
Southeastern	X	X	—	X			X		X	X		Burglar alarm, P-word for Inet	X		X	
Swainsboro	—	—	Fiber	X			X		X		X	None	X		X	
Thomas	X		Token ring		X	X		X		X		Burglar alarm		X	X	
Valdosta	X		Twisted pair	X		X			X	X		Burglar alarm, Camera		X		X
Walker	X		UTP cat.5/fiber		X	X		X		X		Guard, Burglar alarm		X		X
West GA	X		Data/cat.5/copper/fiber	X		X			X		X	Burglar alarm	X		X	

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IT Coordinators

TECHNICAL INSTITUTE COORDINATORS 11/1/94

DLTC = Distance Learning Technology Coordinator
STC = Satellite Technology Coordinator
NTC = Network Technology Coordinator

Albany Technical Institute
DLTC: Elizabeth Robinson, Acting VP of Instruction
STC: Thomas Marshall, Director of Maintenance
NTC: Debra Fields, Director MIS
(912) 430-3500/(912) 430-5115

Altamaha Technical Institute
DLTC: Hank Martin, Special Assistant to the President
STC: Hank Martin, Special Assistant to the President
NTC: Chris Missel, Staff
(912) 427-5800/(912) 427-5823

Athens Area Technical Institute
DLTC: Dennis Ashworth, Instructor
STC: Dale Luchsinger
NTC: Dennis Ashworth, Instructor
(706) 542-8050/(706) 369-5753

Atlanta Area Technical Institute
DLTC: Moses Norman
STC: Arthur Grier
NTC: Michelle Jackson
(404) 756-3700/(404) 756-0932

Augusta Technical Institute
DLTC: Pam Wittke, Director of Distance Learning
STC: Virginia Martin-Brown or Karl Williams
NTC: Gerry Crook, Network Manager
(706) 771-4046/(706) 771-4016

Ben Hill-Irwin Technical Institute
DLTC: Andy Paulk, Distance Learning Coordinator
STC: Andy Paulk, Distance Learning Coordinator
NTC: Andy Paulk, Distance Learning Coordinator & Carol Cullifer, Multi-media Specialist
(912) 468-7487/(912) 468-5550

Brunswick College
DLTC: Vacant
STC: Calvin Deweese
NTC: None
(912) 264-7203/(912) 262-3282

Carroll Technical Institute
DLTC: Kathy Brock, Systems Trainer & Janet Ayers, Program Coordinator
STC: Jim Agan, Satellite Program Coordinator
NTC: Mark Ayers, Information Services Director
(404) 836-6800/(404) 836-6807

Chattahoochee Technical Institute
DLTC: Hettie Sapree, Instructor
STC: Dick Spain, Media Specialist
NTC: Vincent Ogbu, Instructor
(404) 528-4500/(404) 528-4455

Columbus Technical Institute
DLTC: Edgar Lester, Librarian
STC: Adrian Palmer, Electronic Instructor
NTC: Jody Lee, Technical Specialist
(706) 649-1852/(706) 649-1885

Coosa Valley Technical Institute
DLTC: Nancy Gribble, Director Business and Industry Services
STC: Dottie Gregg, Director of Instruction
NTC: Dottie Gregg, Director of Instruction
(706) 235-6756/(706) 290-1147--Gribble
(706) 235-1143/(706) 232-5318--Gregg

DeKalb Technical Institute
DLTC: John Buell, Dean
STC: John Buell, Dean
NTC: John Buell, Dean
(404) 297-9522 ext. 130/(404) 294-4234

Flint River Technical Institute
DLTC: George Ford, Coordinator of Library Services
STC: George Ford, Coordinator of Library Services
NTC: David Neyhart, Microcomputer Specialist/Instructor
(706) 647-9616/(706) 647-0932

Griffin Technical Institute
DLTC: Carla Higgins, Librarian
STC:
NTC:
(800) 338-6274

Gwinnett Technical Institute
DLTC: Morris Friedman, VP Academic Affairs
STC: Dennis Buchanan
NTC: Dennis Buchanan
(404) 962-7580/(404) 962-7985

Heart of Georgia Technical Institute
DLTC: Chris Thompson, Information Technology Specialist
STC: Chris Thompson, Information Technology Specialist
NTC: Gary Ladue, Administrative Computer Specialist
(912) 275-6589/(912) 275-6642

Lanier Technical Institute
DLTC: Lambert Royal, Electronics Instructor
STC: Ray Heimbach, Director Maintenance
NTC: Wayne Hammerstrom, MIS Director
(404) 531-6300/(404) 531-6306

Macon Technical Institute
DLTC: Neil McArthur, Director Library/Media Services
STC: Neil McArthur, Director Library/Media Services
NTC: Don McMahan, Information Systems
(912) 757-3400/(912) 757-3454

Middle Georgia Technical Institute
DLTC: Hershel Standard, Microcomputer Department Head
STC: Hershel Standard, Microcomputer Department Head
NTC: Deborah, Drazdowski, Technology Coordinator
(912) 929-6800/(912) 929-6835

Moultrie Technical Institute
DLTC: Melvin Mills, Instructor
STC: Melvin Mills, Instructor
NTC: David Akridge, Instructor
(912) 985-2297/(912) 890-2865

North Georgia Technical Institute
DLTC: Janet Ivester, Media Specialist
STC: Janet Ivester, Media Specialist
NTC: Michael A. Strader, Computer Resources Manager
(706) 754-7700/(706) 754-7780

North Metro Technical Institute
DLTC: Beverly Taylor, Media Specialist
STC: Beverly Taylor, Media Specialist
NTC: Brent Williams, Department Chair
(404) 975-4000/(404) 975-4044

Ogeechee Technical Institute
DLTC: Bob Puckett, Technical Support Specialist
STC: Bob Puckett, Technical Support Specialist
NTC: Bob Puckett, Technical Support Specialist
(912) 681-5500/(912) 871-1162

Okefenokee Technical Institute
DLTC: Jim Carter
STC: Jim Carter
NTC: Jim Carter
(912) 287-6584/(912) 287-4865

Pickens Technical Institute
DLT Contact: Rene Stover, Electronics Instructor
ST Contact: Rene Stover, Electronics Instructor
NTC:
(706) 692-3411/(706) 692-3208

Savannah Technical Institute
DLTC: Vince Edwards, Director of Customer Service
STC: Vince Edwards, Director of Customer Service
NTC:
(912) 351-4448/(912) 352-4362

South Georgia Technical Institute
DLTC: Jon E. Johnson, Executive Vice President
STC: Jon E. Johnson, Executive Vice President
NTC: Wray Skipper, Director of MIS
(912) 931-2004/(912) 931-2459

Southeastern Technical Institute
DLTC: Tony R. Knight, Information Systems Specialist
STC: Tony R. Knight, Information Systems Specialist
NTC: Tony R. Knight, Information Systems Specialist
(912) 537-0386/(912) 537-6856/GIST 374-XXXX

Swainsboro Technical Institute
DLTC: Vacant
STC:
NTC: Vacant
(912) 237-6465/(912) 237-4043

Thomas Technical Institute
DLTC: Debbie Goodman, Director Institutional Effect
STC: Archie N. Hatcher, Registrar
NTC: Archie N. Hatcher, Registrar
(912) 225-4096/(912) 225-4330

Valdosta Technical Institute
DLTC: John Wilkinson, Director of Students Information
STC: John Wilkinson, Director of Students Information
NTC: John Wilkinson, Director of Students Information
(912) 249-2670/(912) 333-2129

Walker Technical Institute
DLTC: Michael K. Miller, Director of Library Services
STC: Lamar Thurman, Electronics Instructor
NTC: John Bryson, Computer Systems Manager/Instructor
(706) 764-3510/(706) 764-3566

West Georgia Technical Institute
DLTC: Bill Gray, Coordinator of Information Technology
STC: Bill Gray, Coordinator of Information Technology
NTC: Bill Gray, Coordinator of Information Technology
(706) 883-8324 ext. 204/(706) 883-6048

INFORMATION TECHNOLOGY SURVEY

A SUMMARY OF RESPONSES

Prepared by the
Occupational Research Group at
The University of Georgia
Under Contract to the
Georgia Department of
Technical & Adult Education

Ray I. Anukam, Ed.D.
SURVEY DATA ANALYST

Dorothy Harnish, Ed.D.
PROJECT COORDINATOR

November 1995

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APPENDIX

Purpose of the Study:

The 1995 Technology Survey of Georgia Technical Institutes was developed as a shorter version of the 1994 Survey. It was designed to provide a comprehensive system-wide review and the most current information about different types of technology uses at Georgia's technical institutes. The survey results are intended to answer technology questions of the Presidents' Council Information Technology Committee. The results will be used in the planning and implementing of future technology activities.

Methodology:

The Occupational Research Group (ORG) at the University of Georgia (UGA), under contract to the Georgia Department of Technical and Adult Education (GDTAE), revised the 1994 technology survey and presented the new format to the Presidents' Council Information Technology Committee. The Committee reviewed and corrected the draft document before developing the final questionnaire.

Sample Selection:

All thirty-three technical institutes in Georgia received the survey documents and participated in the study. Due to the urgent need of this survey results by the Presidents' Council Information Technology Committee, the respondents were asked to send completed surveys by fax. Although under a short notice, all the appropriate individuals in each of the institutes returned their completed surveys.

Data Analysis:

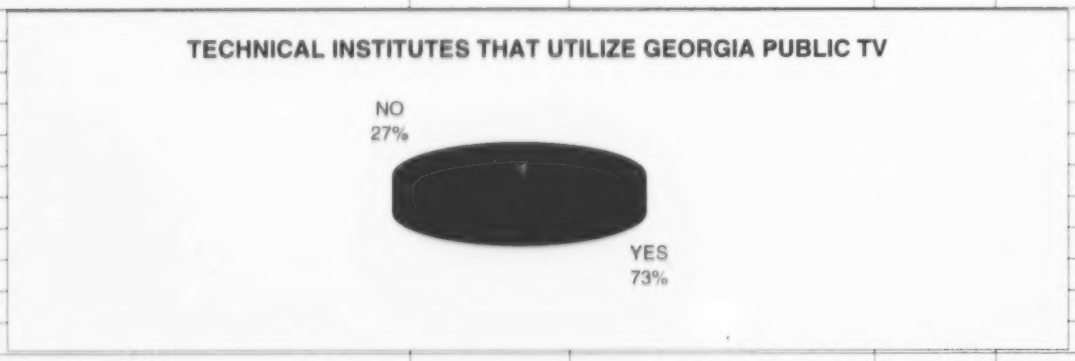
Data were collected from all thirty-three technical institutes. All questionnaires returned were usable and included in the data analyses. Data were coded, recorded and analyzed using the Statistical Package for Social Sciences (SPSS) program. The frequency and percentage of all the responses were determined by using total number of usable survey instrument. Using the Microsoft Excel Program, the tables and graphs of responses were generated.

For easier interpretation, the responses were grouped into SECTIONS as represented in the original questionnaire. Each SECTION has its own unique question items. Graphical illustrations were prepared for easier interpretation of the results.

SECTION I: GEORGIA PUBLIC TV (GPTV)

1. TIs that utilize the services of Georgia Public Television (GPTV)

Response Type	Percent	No of Response
YES	73%	24
NO	27%	9
TOTAL	100%	33



SECTION II: SATELLITE DISHES

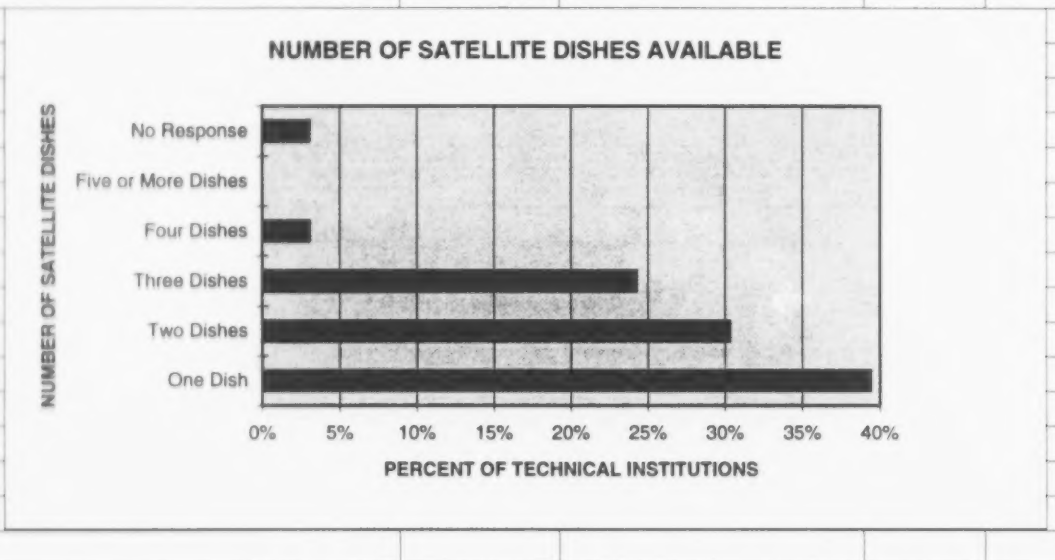
1. Do you have a Satellite Receiving (Down-link) Dish?

Response Type	Percent	No of Response
YES	100%	33
NO	0%	0
TOTAL	100%	33

BEST COPY AVAILABLE

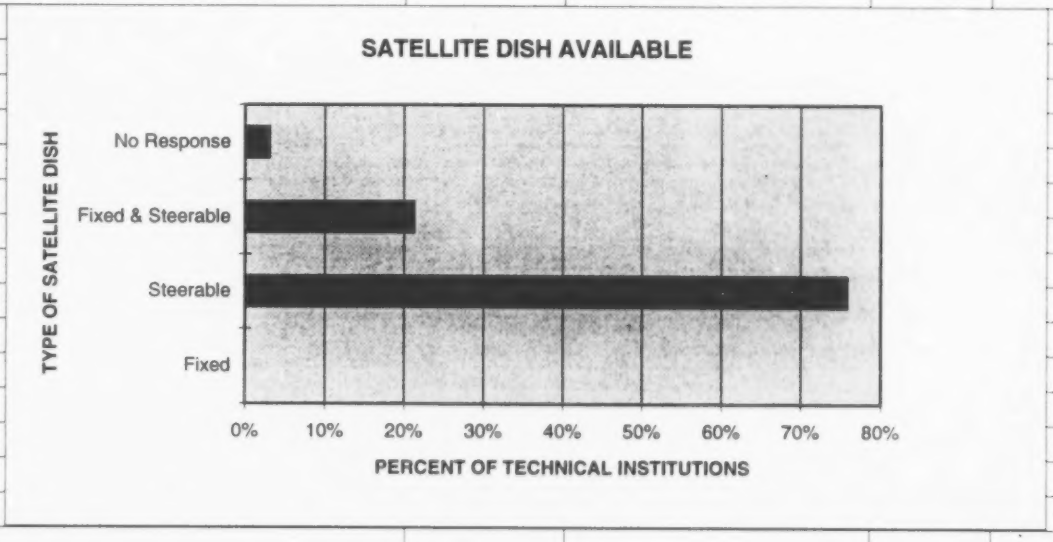
2. Number of Satellite Dishes

No of TIs	Percent	No of Dishes
One Dish	39%	13
Two Dishes	30%	10
Three Dishes	24%	8
Four Dishes	3%	1
Five or More Dishes	0%	0
No Response	3%	1
TOTAL	100%	33



3. Type of Satellite Dish(es)

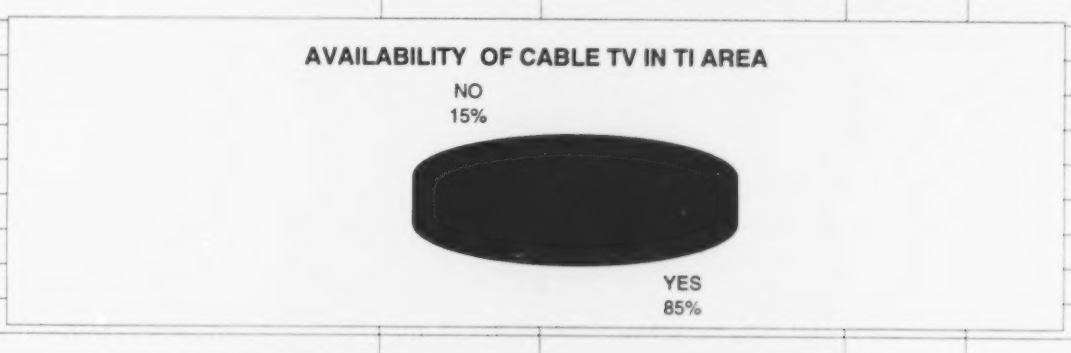
Type	Percent	No of Dishes
Fixed	0%	0
Steerable	76%	25
Fixed & Steerable	21%	7
No Response	3%	1
TOTAL	100%	33



SECTION III: CABLE TELEVISION (CTV)

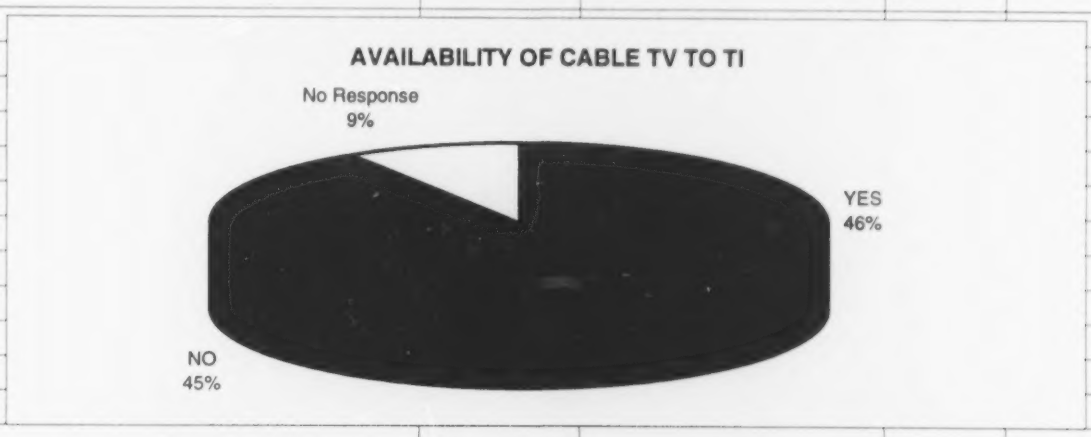
1. Does your service area have Cable TV availability?

Response Type	Percent	No of Response
YES	85%	28
NO	15%	5
TOTAL	100%	33



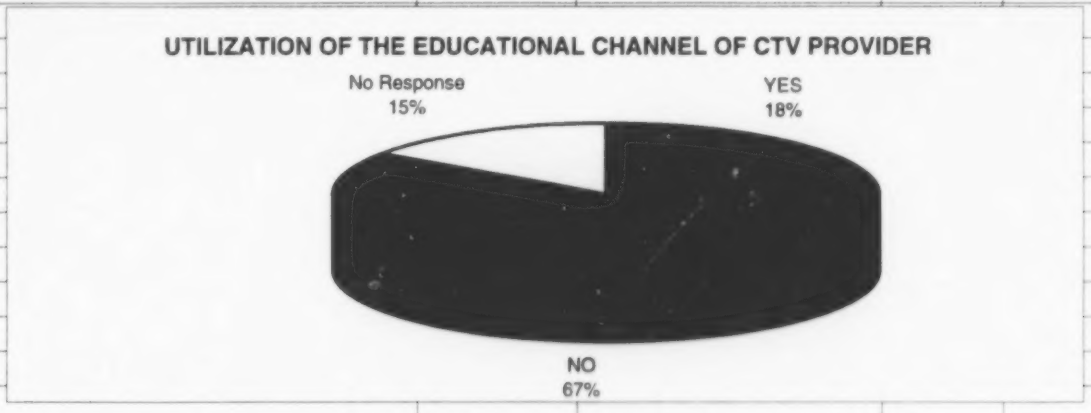
2. Do you have Cable TV to your TI?

Response Type	Percent	No of Response
YES	45%	15
NO	45%	15
No Response	9%	3
TOTAL	100%	33



3. Do you utilize the Educational Channel of your CTV provider?

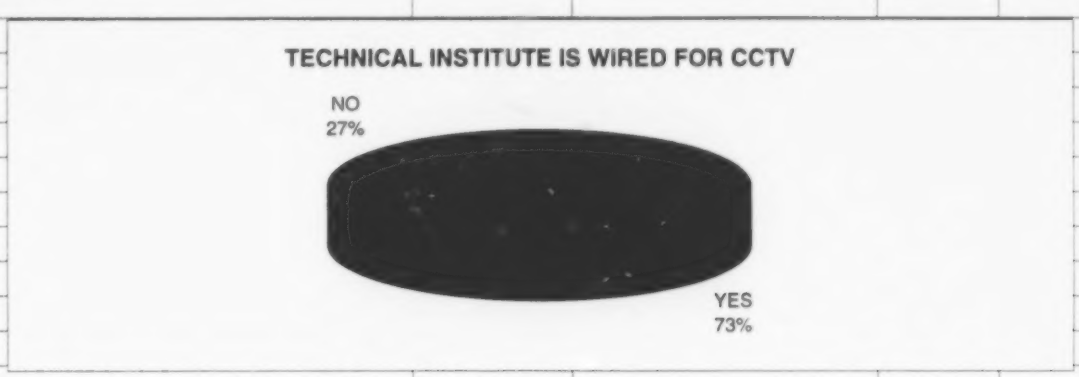
Response Type	Percent	No of Response
YES	18%	6
NO	67%	22
No Response	15%	5
TOTAL	100%	33



SECTION IV: CLOSED CIRCUIT TV (CCTV)

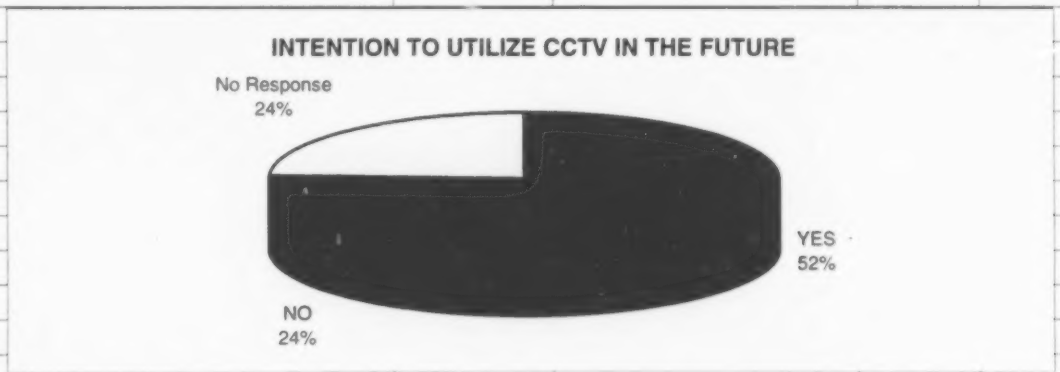
1. Is your institute wired for Closed Circuit Television (CCTV)?

Response Type	Percent	No of Response
YES	73%	24
NO	27%	9
TOTAL	100%	33



2. If NO, do you intend to utilize CCTV in the future?

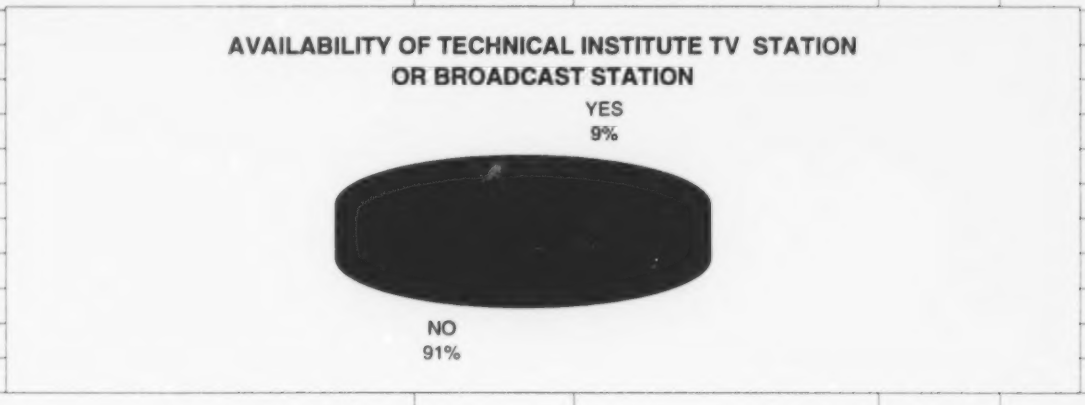
Response Type	Percent	No of Response
YES	52%	17
NO	24%	8
No Response	24%	8
TOTAL	100%	33



SECTION V: VIDEO DISTRIBUTION AND PRESENTATION SYSTEM

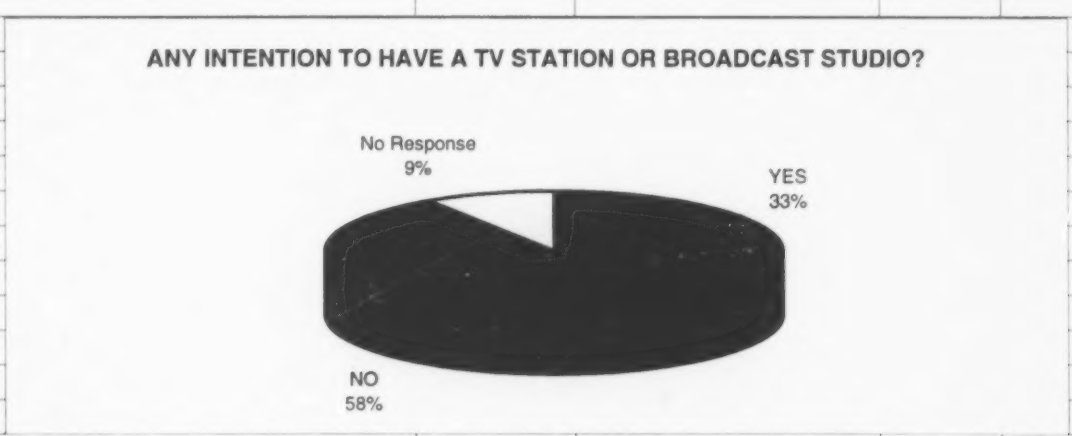
1. Do you have a School Television Station or Broadcast Studio?

Response Type	Percent	No of Response
YES	9%	3
NO	91%	30
TOTAL	100%	33



2. If NO, do you intend to have a School Television or Broadcast Studio?

Response Type	Percent	No of Response
YES	33%	11
NO	58%	19
No Response	9%	3
TOTAL	100%	33



SECTION VI: MICROWAVE TOWERS

1. Do you have microwave towers available in your service area?

Response Type	Percent	No of Response
YES	61%	20
NO	39%	13
TOTAL	100%	33

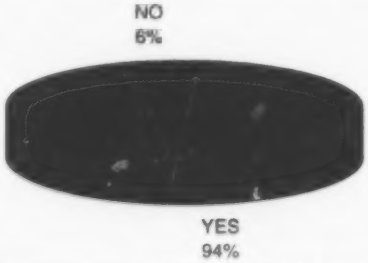
AVAILABILITY OF MICROWAVE TOWERS IN SERVICE AREA

SECTION VII: DISTANCE LEARNING

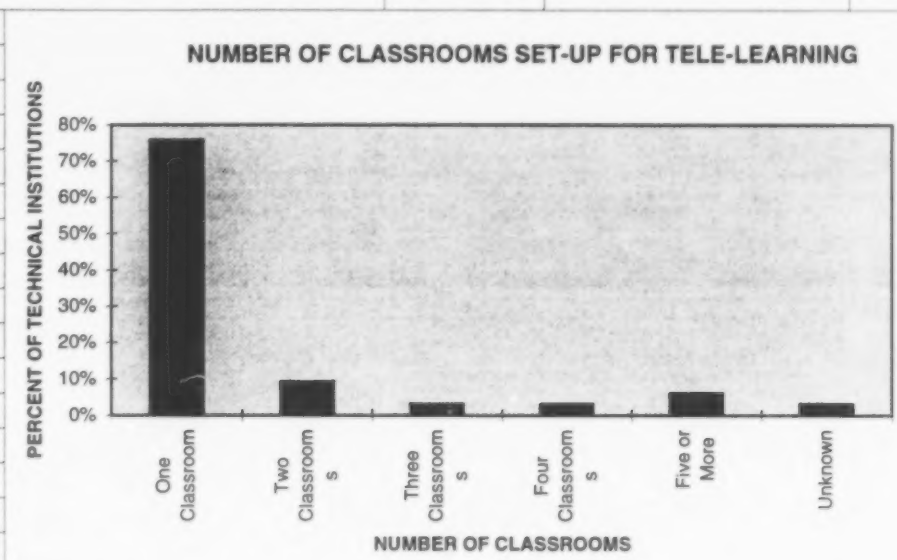
1. Do you have classrooms set-up for tele-learning?

Response Type	Percent	No of Response
YES	94%	31
NO	6%	2
TOTAL	100%	33

AVAILABILITY OF CLASSROOMS SET-UP FOR TELE-LEARNING



2. HOW many classrooms are set-up for tele-learning?		
No of Classrooms	**Percent**	**No of Classrooms**
One Classroom	76%	25
Two Classrooms	9%	3
Three Classrooms	3%	1
Four Classrooms	3%	1
Five or More	6%	2
Unknown	3%	1
TOTAL	100%	33



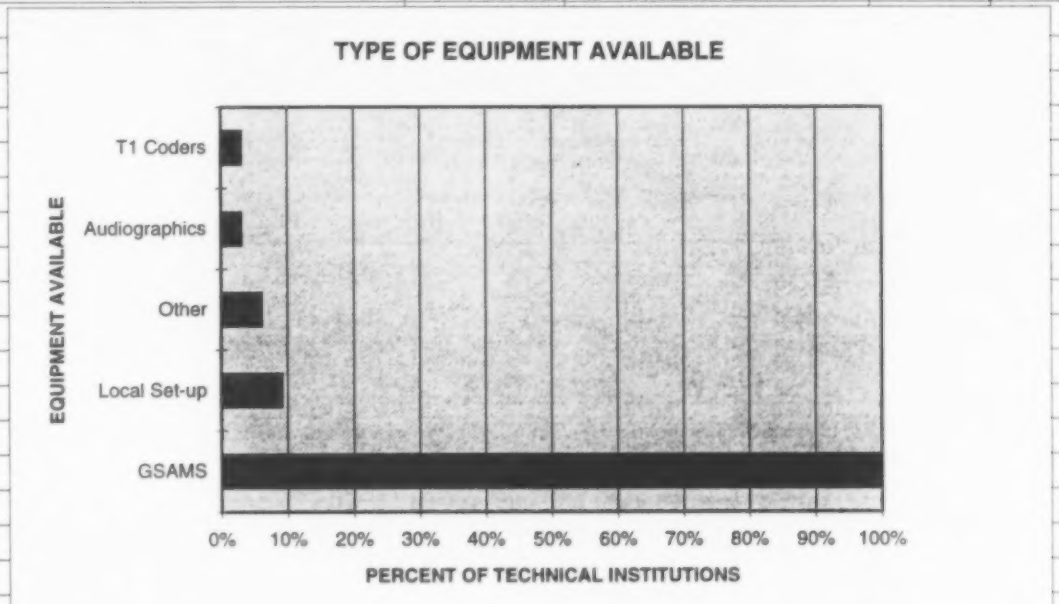
SECTION VIII: DISTANCE LEARNING EQUIPMENT

1. Do you have distance learning equipment for individuals or groups?

Response Type	Percent	No of Response
YES	100%	33
NO	0%	0
TOTAL	100%	33

2. What type of equipment is available?

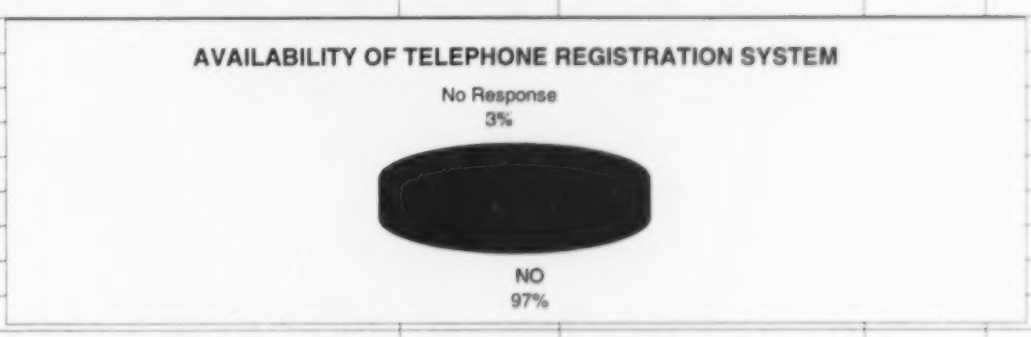
Response Type	Percent	No of Response
GSAMS	100%	33
Local Set-up	9%	3
Other	6%	2
Audiographics	3%	1
T1 Coders	3%	1



SECTION IX: TELEPHONE REGISTRATION

1. Do you have student telephone registration system?

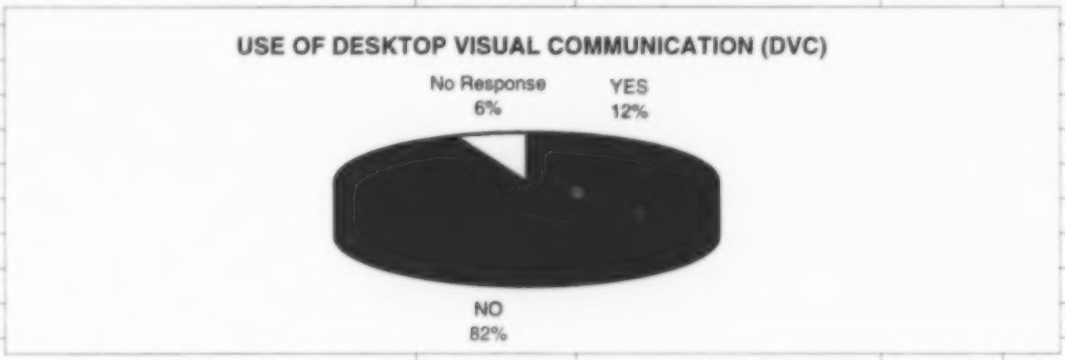
Response Type	Percent	No of Response
YES	0%	0
NO	97%	32
No Response	3%	1
TOTAL	100%	33



SECTION X: DESKTOP VISUAL COMMUNICATION (DVC)

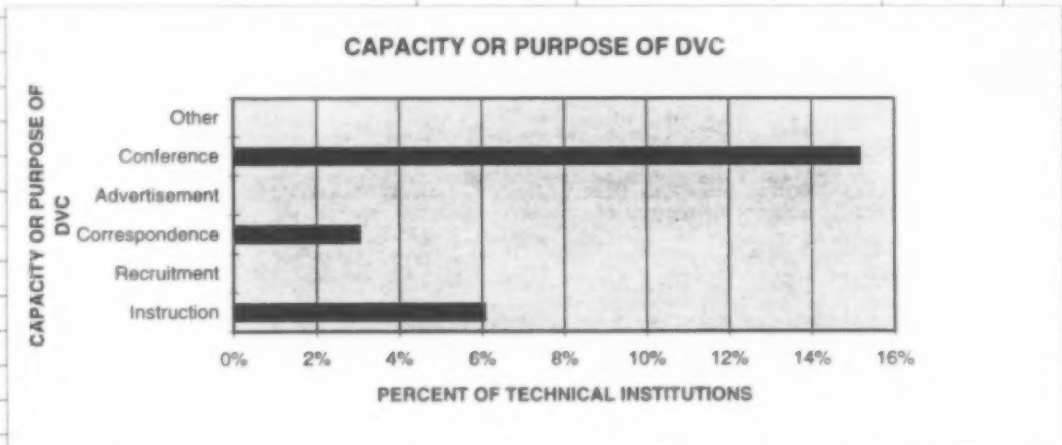
1. Are you using Desktop Visual Communication (DVC)?

Response Type	Percent	No of Response
YES	12%	4
NO	82%	27
No Response	6%	2
TOTAL	100%	33



2. In what capacity or purpose do you use DVC?

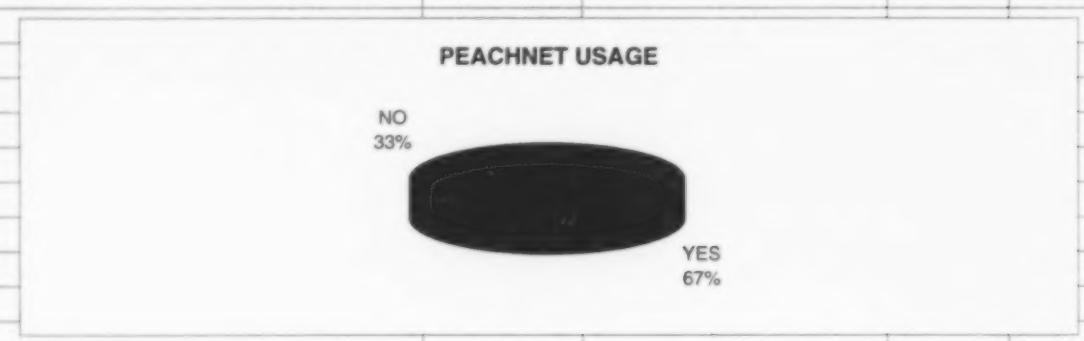
Response Type	Percent	No of Response
Instruction	6%	2
Recruitment	0%	0
Correspondence	3%	1
Advertisement	0%	0
Conference	15%	5
Other	0%	0



SECTION XI: ELECTRONIC COMMUNICATIONS

1. Do you use Peachnet?

Response Type	Percent	No of Response
YES	67%	22
NO	33%	11
TOTAL	100%	33



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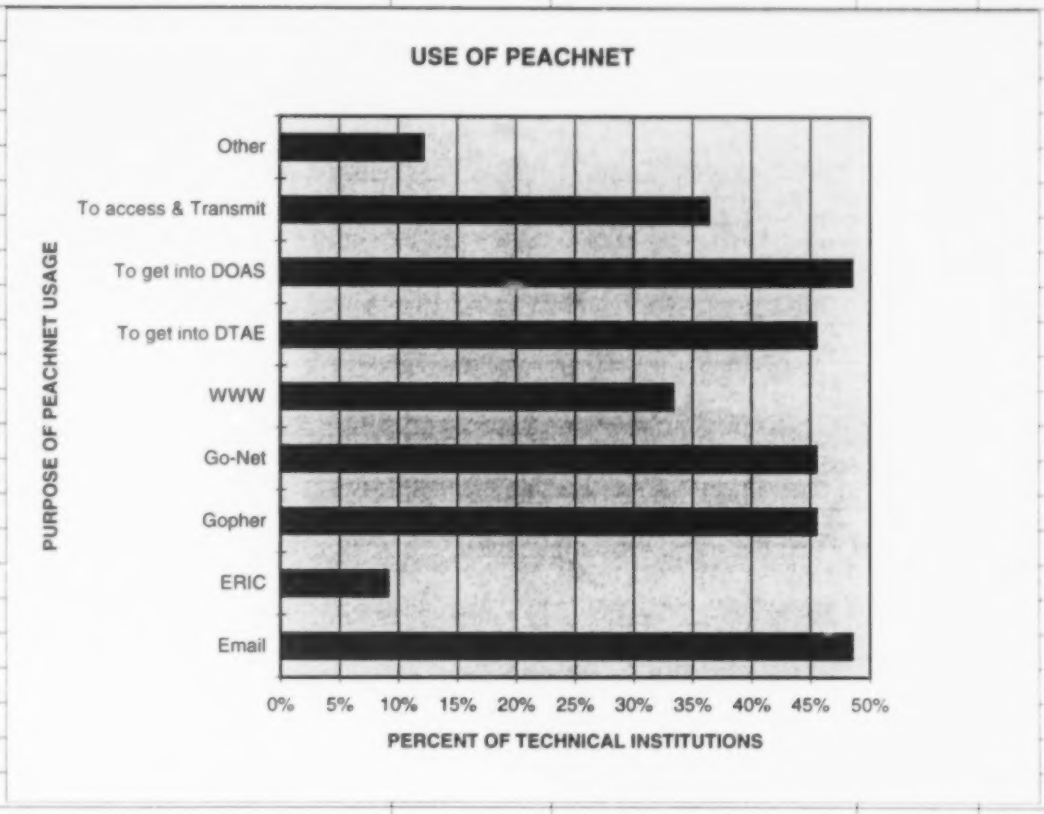
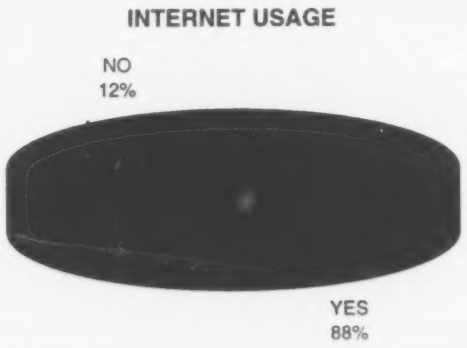
2. In what capacity or purpose do you use PeachNet?

Response Type	Percent	No of Response
Email	48%	16
ERIC	9%	3
Gopher	45%	15
Go-Net	45%	15
WWW	33%	11
To get into DTAE	45%	15
To get into DOAS	48%	16
To access & Transmit	36%	12
Other	12%	4
Endora	3%	1
Solinet/Internet	3%	1
Router	3%	1
View State Contracts	3%	1



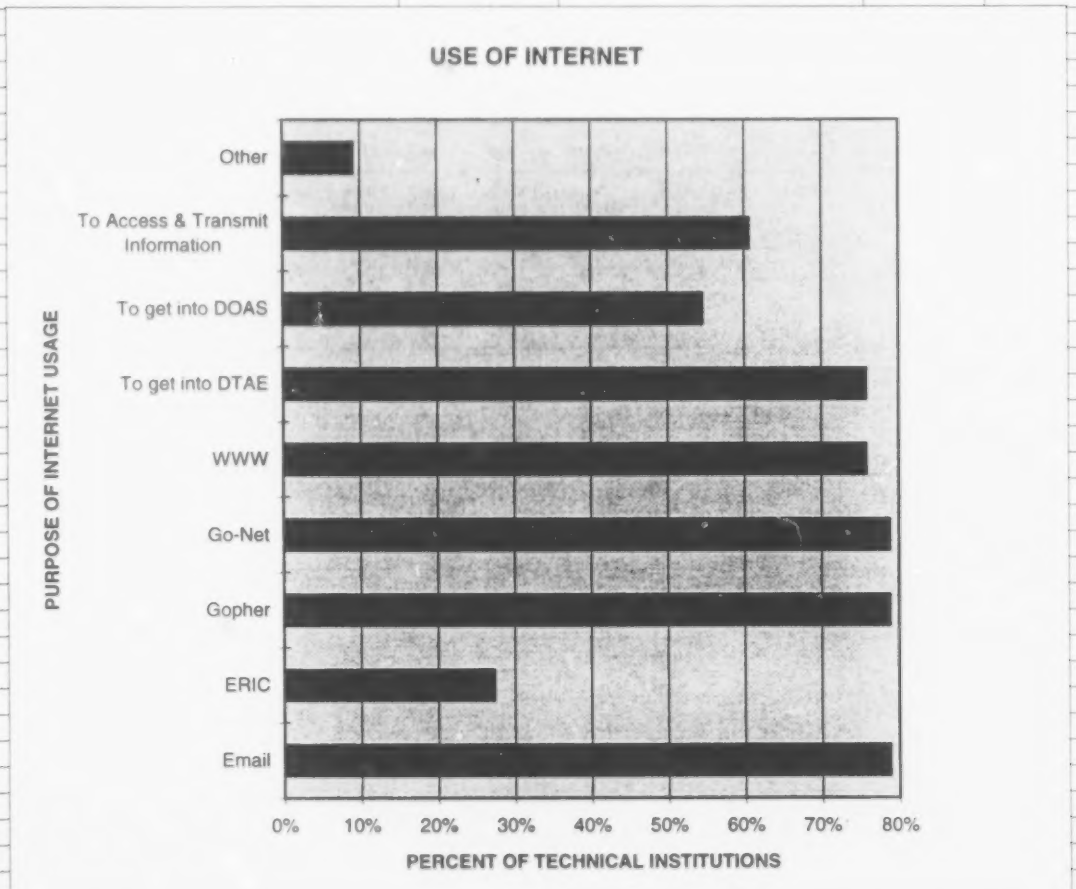
3. Do you use Internet?

Response Type	Percent	No of Response
YES	88%	29
NO	12%	4
TOTAL	100%	33



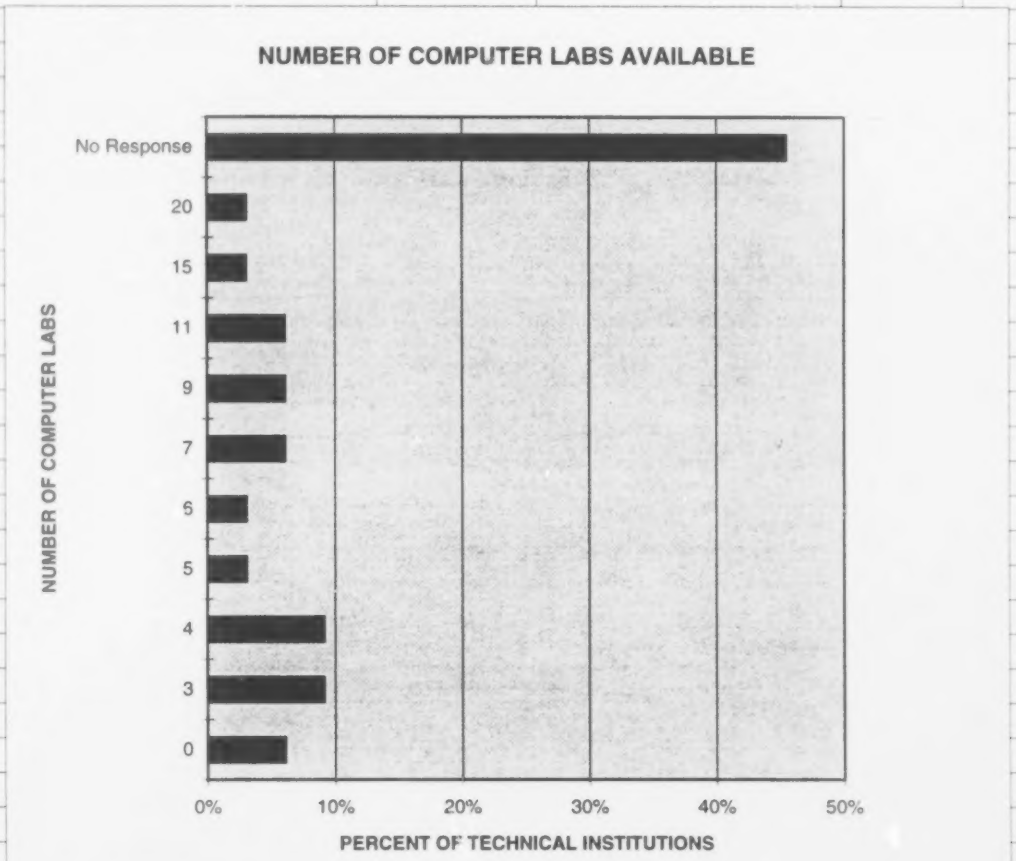
4. In what capacity do you use Internet?

Response Type	Percent	No of Response
Email	79%	26
ERIC	27%	9
Gopher	79%	26
Go-Net	79%	26
WWW	76%	25
To get into DTAE	76%	25
To get into DOAS	55%	18
To Access & Transmit Information	61%	20
Other	9%	3
Standard/Guides	3%	1
Solinet/Internet	3%	1
Access Student Information	3%	1



5. How many Computer Labs?

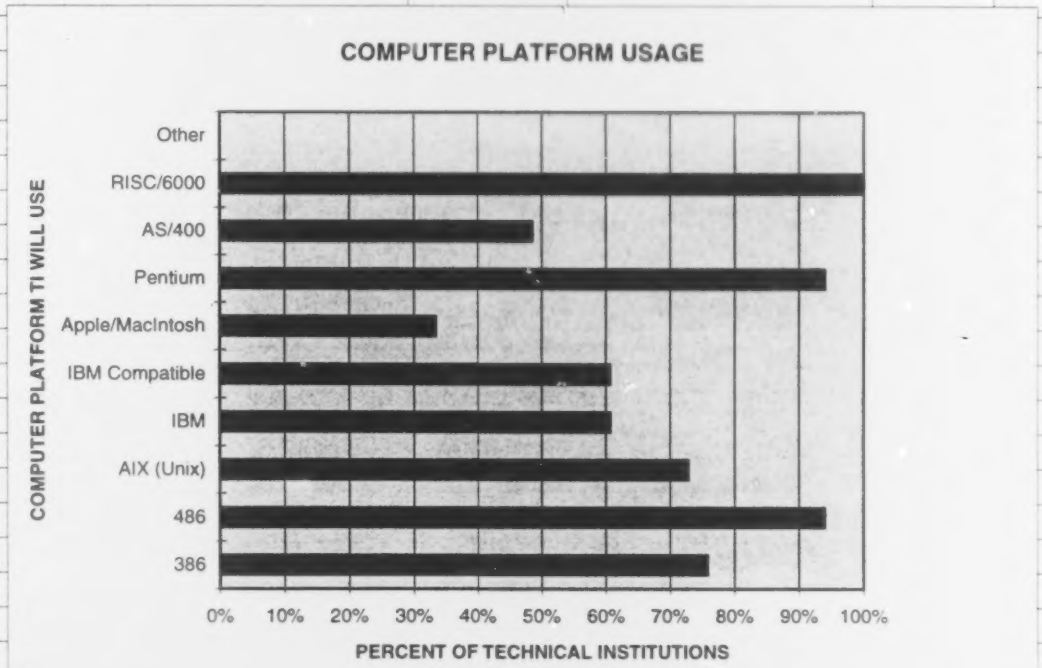
Response Type	Percent	No of Response
0	6%	2
3	9%	3
4	9%	3
5	3%	1
6	3%	1
7	6%	2
9	6%	2
11	6%	2
15	3%	1
20	3%	1
No Response	45%	15
TOTAL	100%	33



SECTION XII: COMPUTER PLATFORM

1. Computer platform TI will be using

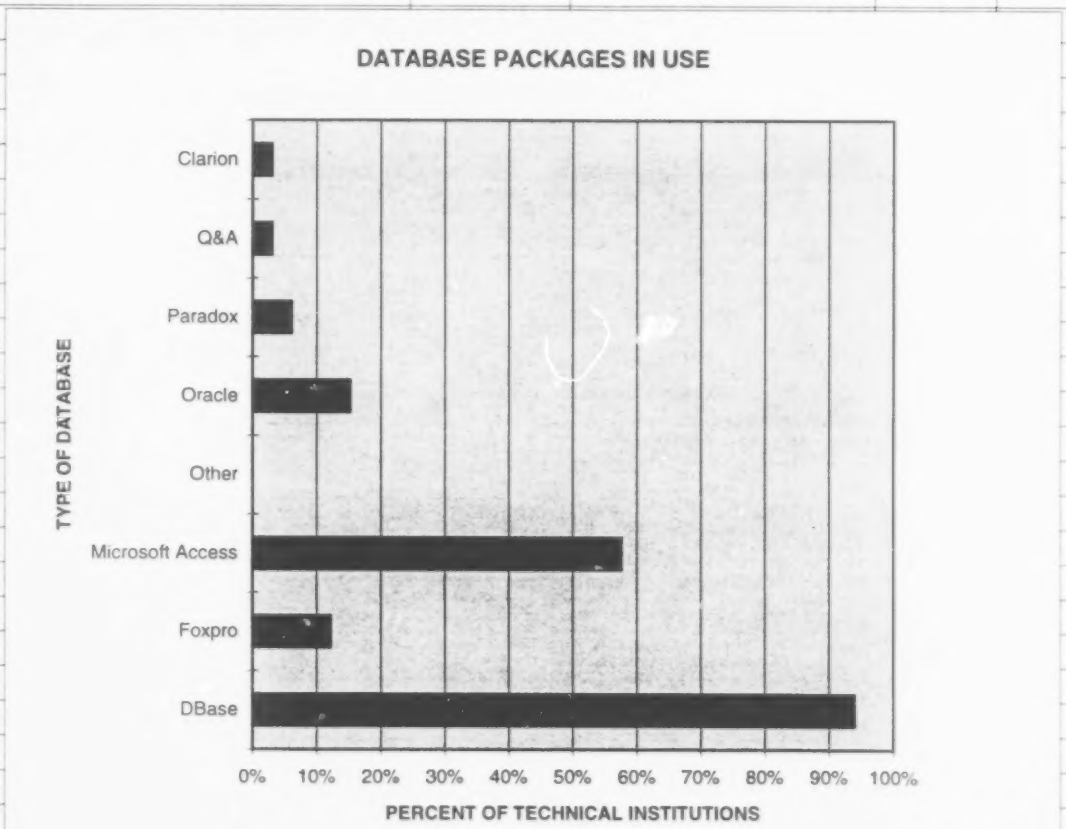
Response Type	Percent	No of Response
386	76%	25
486	94%	31
AIX (Unix)	73%	24
IBM	61%	20
IBM Compatible	61%	20
Apple/MacIntosh	33%	11
Pentium	94%	31
AS/400	48%	16
RISC/6000	100%	33
Other	0%	0



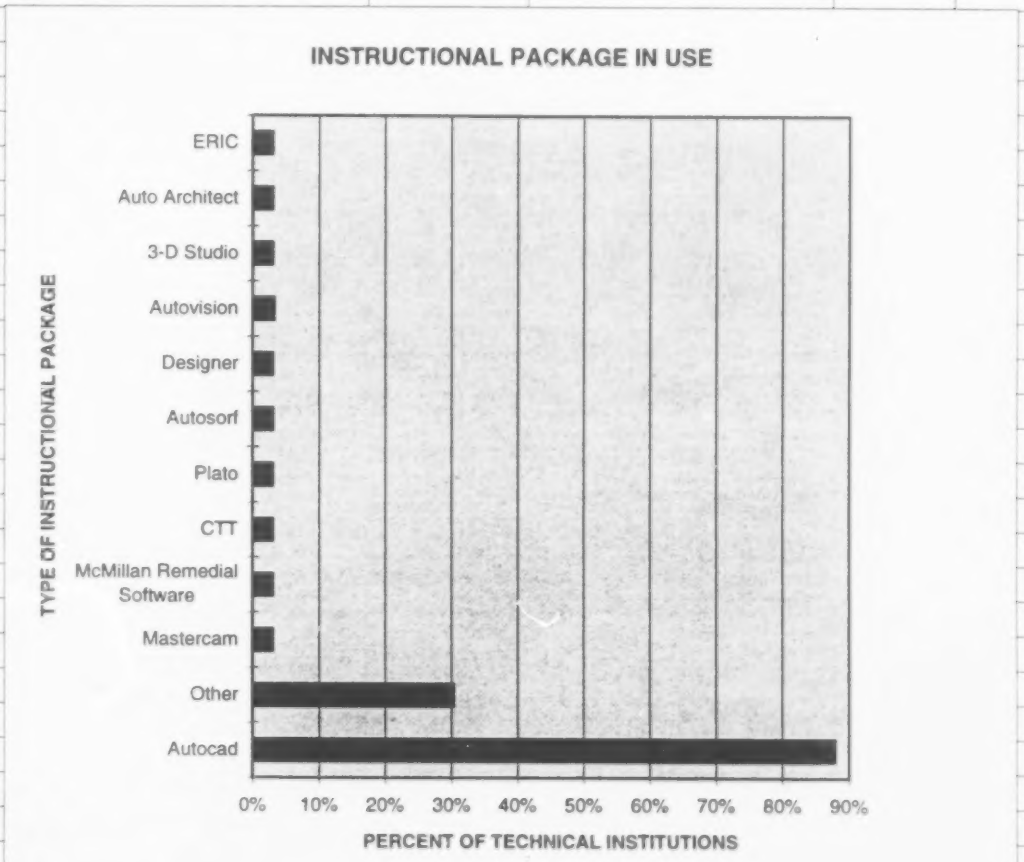
SECTION XIII: APPLICATION SOFTWARE USED

1. Database Packages used

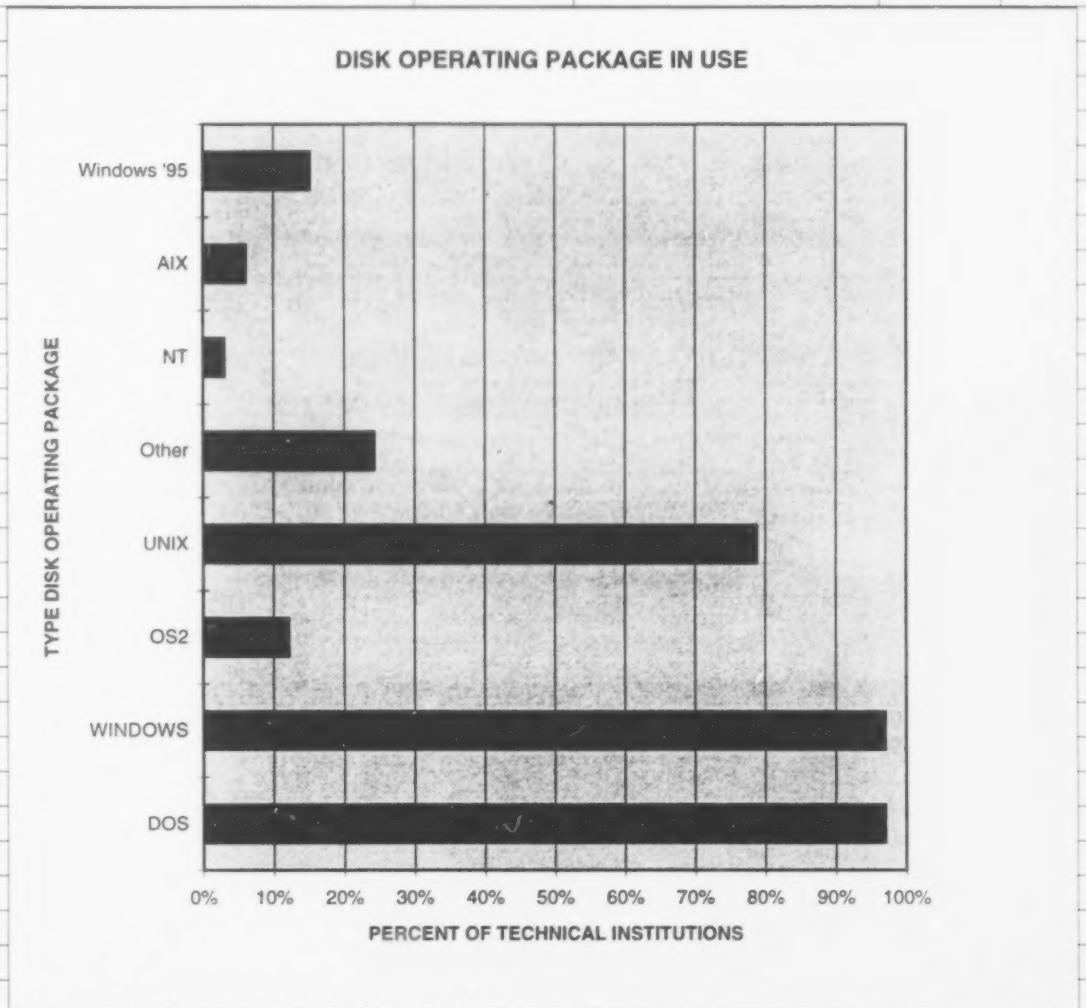
Response Type	Percent	No of Response
DBase	94%	31
Foxpro	12%	4
Microsoft Access	58%	19
Other	0%	0
Oracle	15%	5
Paradox	6%	2
Q&A	3%	1
Clarion	3%	1



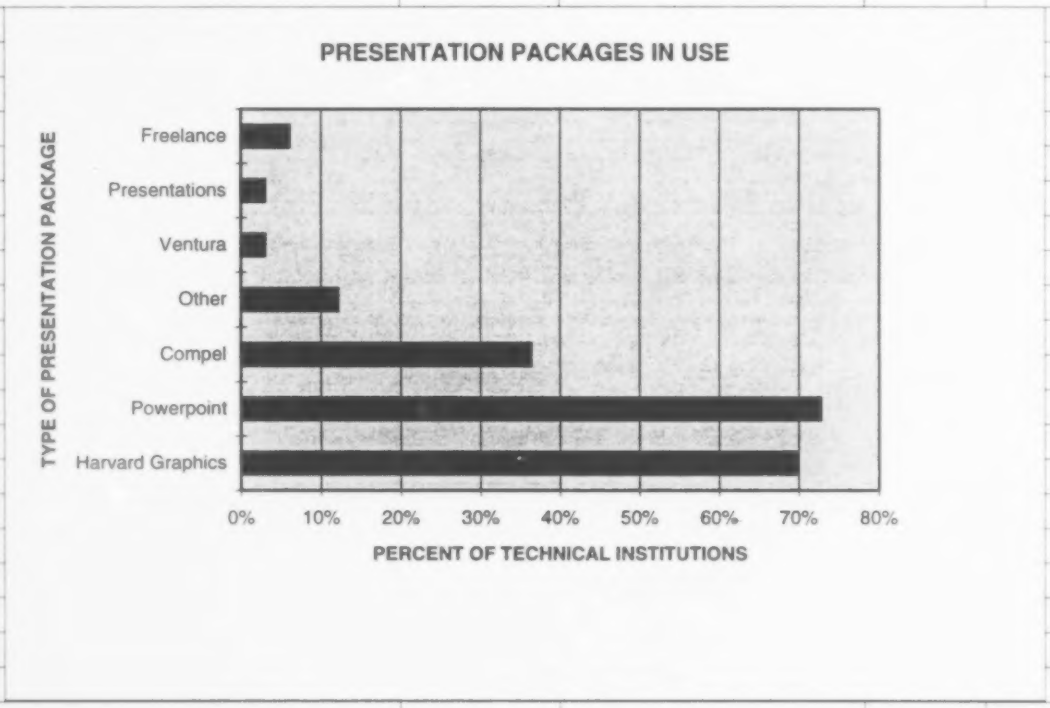
2. Instructional Packages		
Response Type	**Percent**	**No of Response**
Autocad	88%	29
Other	30%	10
Mastercam	3%	1
McMillan Remedial Software	3%	1
CTT	3%	1
Plato	3%	1
Autosorf	3%	1
Designer	3%	1
Autovision	3%	1
3-D Studio	3%	1
Auto Architect	3%	1
ERIC	3%	1



3. Disk Operating Packages		
Response Type	**Percent**	**No of Response**
DOS	97%	32
WINDOWS	97%	32
OS2	12%	4
UNIX	79%	26
Other	24%	8
NT	3%	1
AIX	6%	2
Windows '95	15%	5

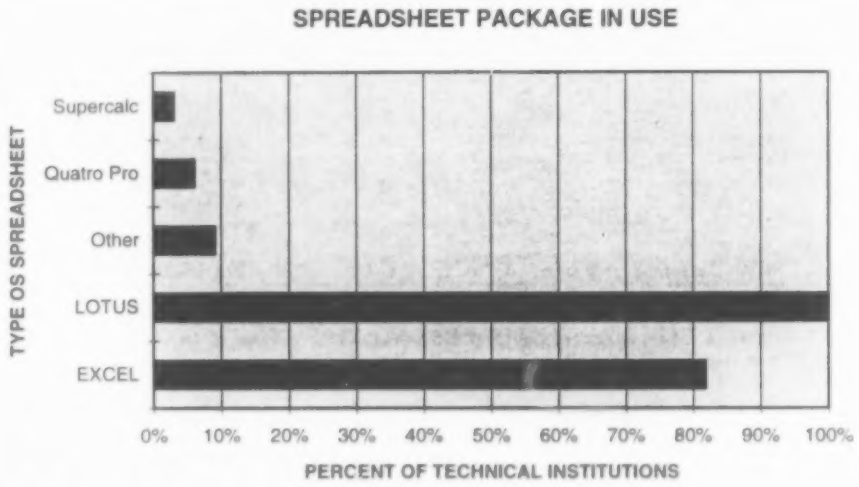


4. Presentation Packages		
Response Type	**Percent**	**No of Response**
Harvard Graphics	70%	23
Powerpoint	73%	24
Compel	36%	12
Other	12%	4
Ventura	3%	1
Presentations	3%	1
Freelance	6%	2



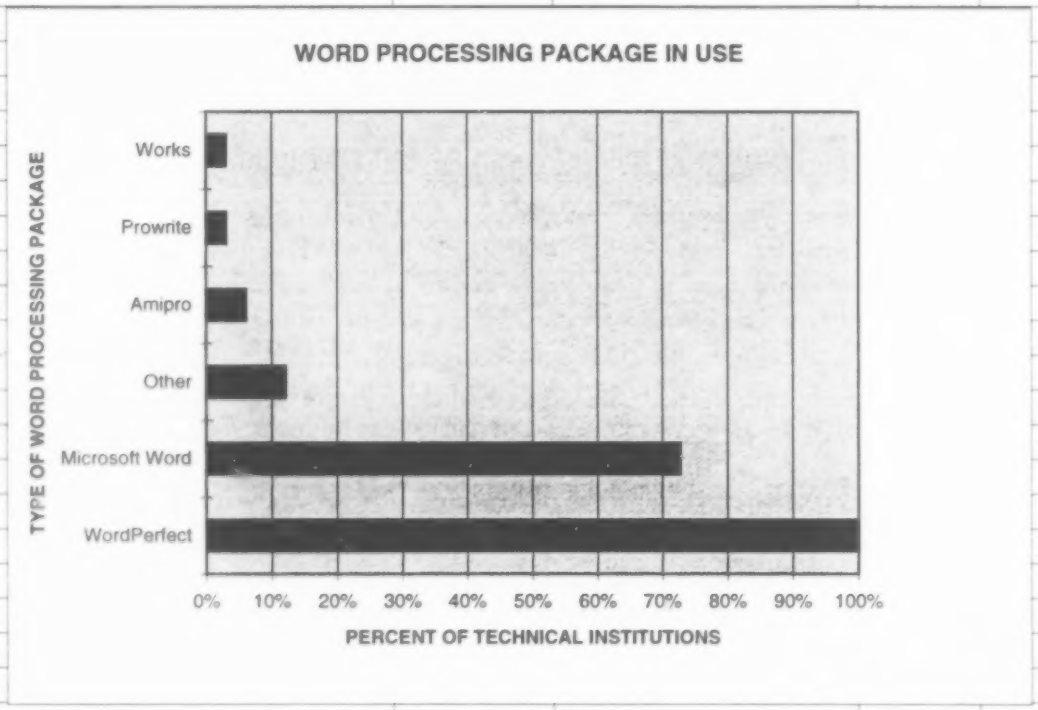
5. Spreadsheet Packages

Response Type	Percent	No of Response
EXCEL	82%	27
LOTUS	100%	33
Other	9%	3
Quatro Pro	6%	2
Supercalc	3%	1



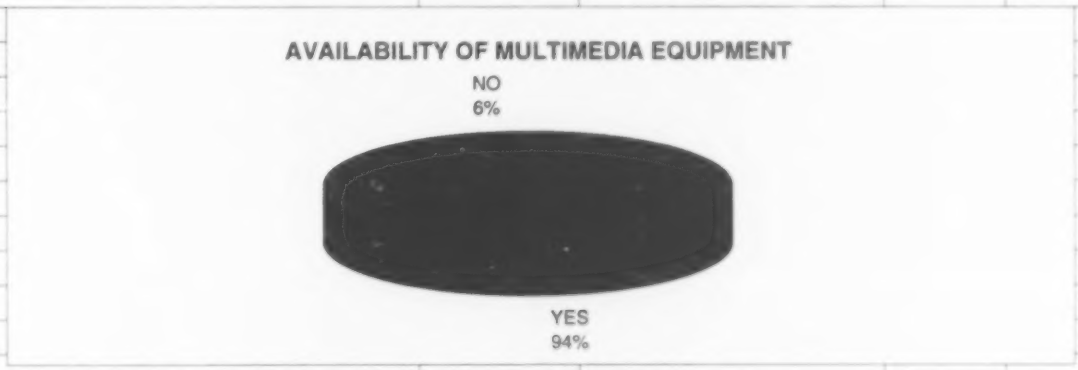
6. Word Processing Packages

Response Type	Percent	No of Response
WordPerfect	100%	33
Microsoft Word	73%	24
Other	12%	4
Amipro	6%	2
Prowrite	3%	1
Works	3%	1



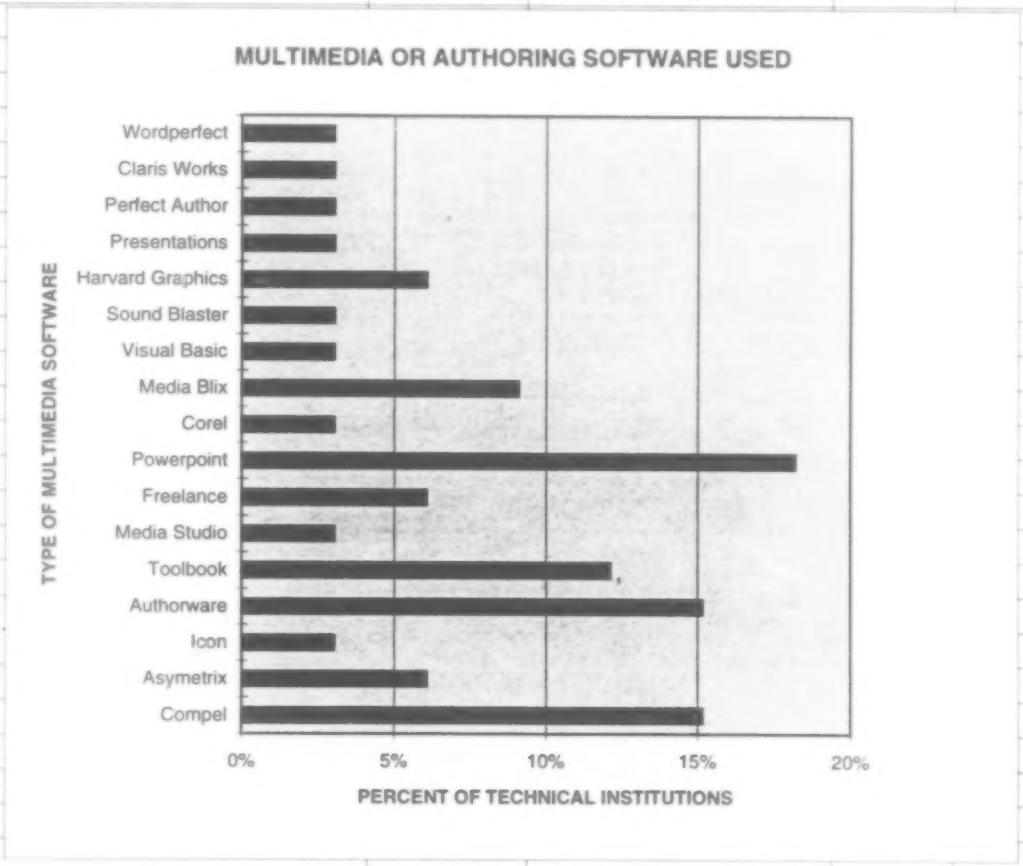
7. Do you have multimedia equipment?

Response Type	Percent	No of Response
YES	94%	31
NO	6%	2
TOTAL	100%	33



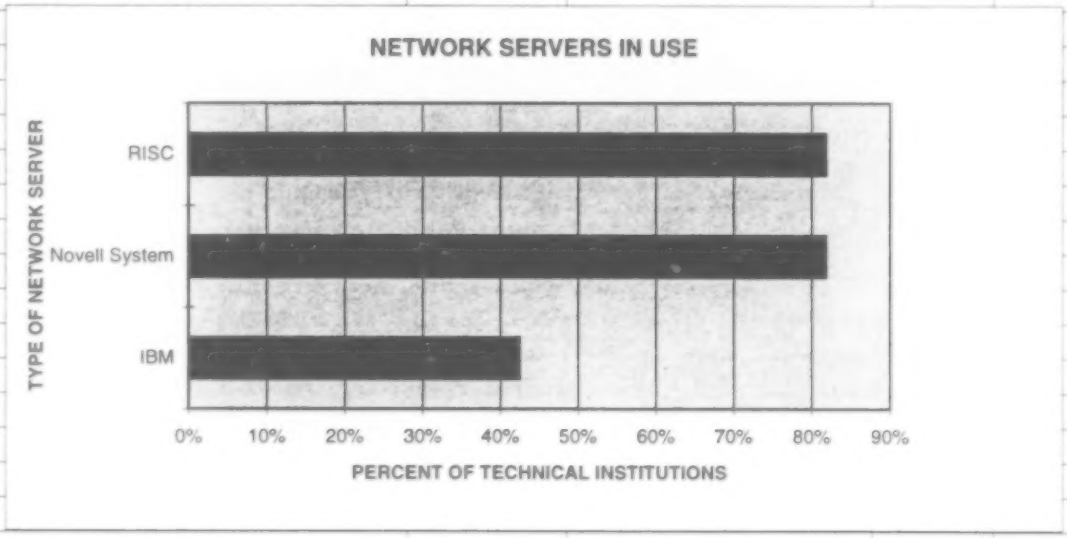
8. Indicate mutimedia presentation or authoring soffware used

Response Type	Percent	No of Response
Compel	15%	5
Asymetrix	6%	2
Icon	3%	1
Authorware	15%	5
Toolbook	12%	4
Media Studio	3%	1
Freelance	6%	2
Powerpoint	18%	6
Corel	3%	1
Media Blix	9%	3
Visual Basic	3%	1
Sound Blaster	3%	1
Harvard Graphics	6%	2
Presentations	3%	1
Perfect Author	3%	1
Claris Works	3%	1
Wordperfect	3%	1



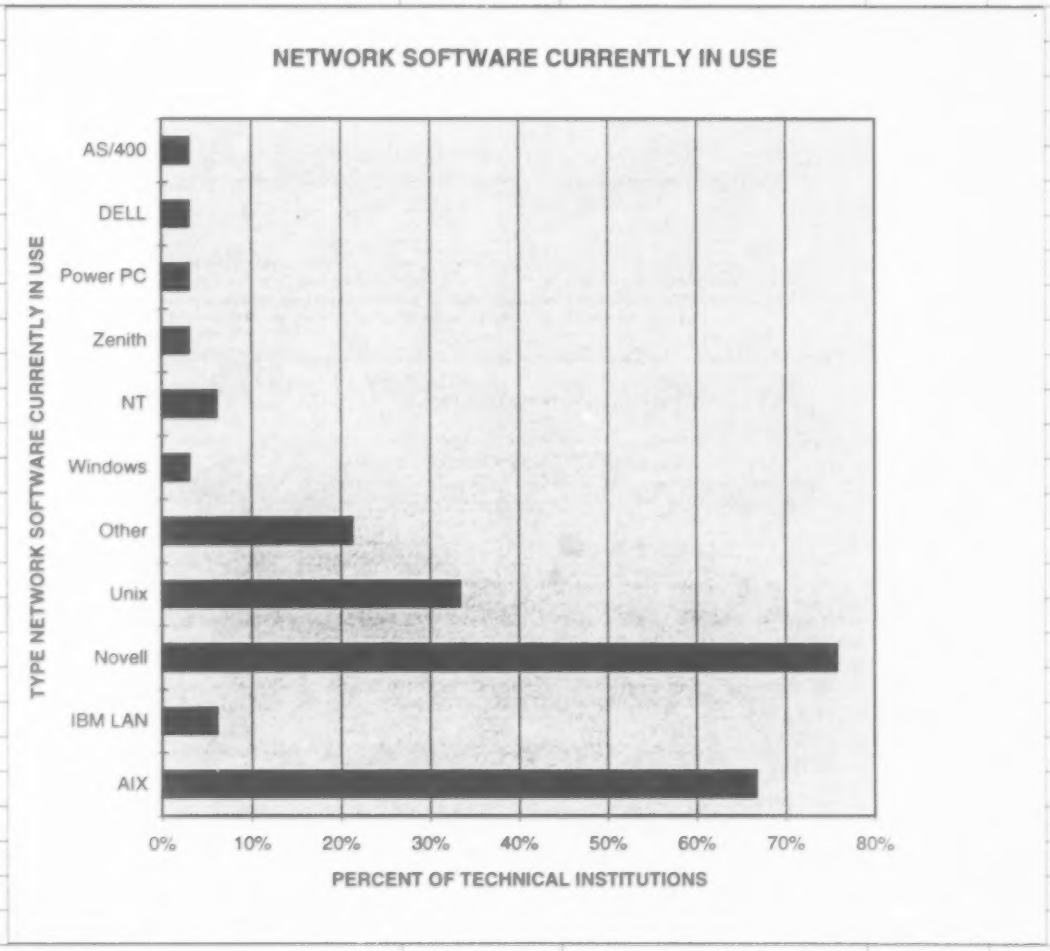
9. Indicate type of Network Servers

Response Type	Percent	No of Response
IBM	42%	14
Novell System	82%	27
RISC	82%	27
Other		



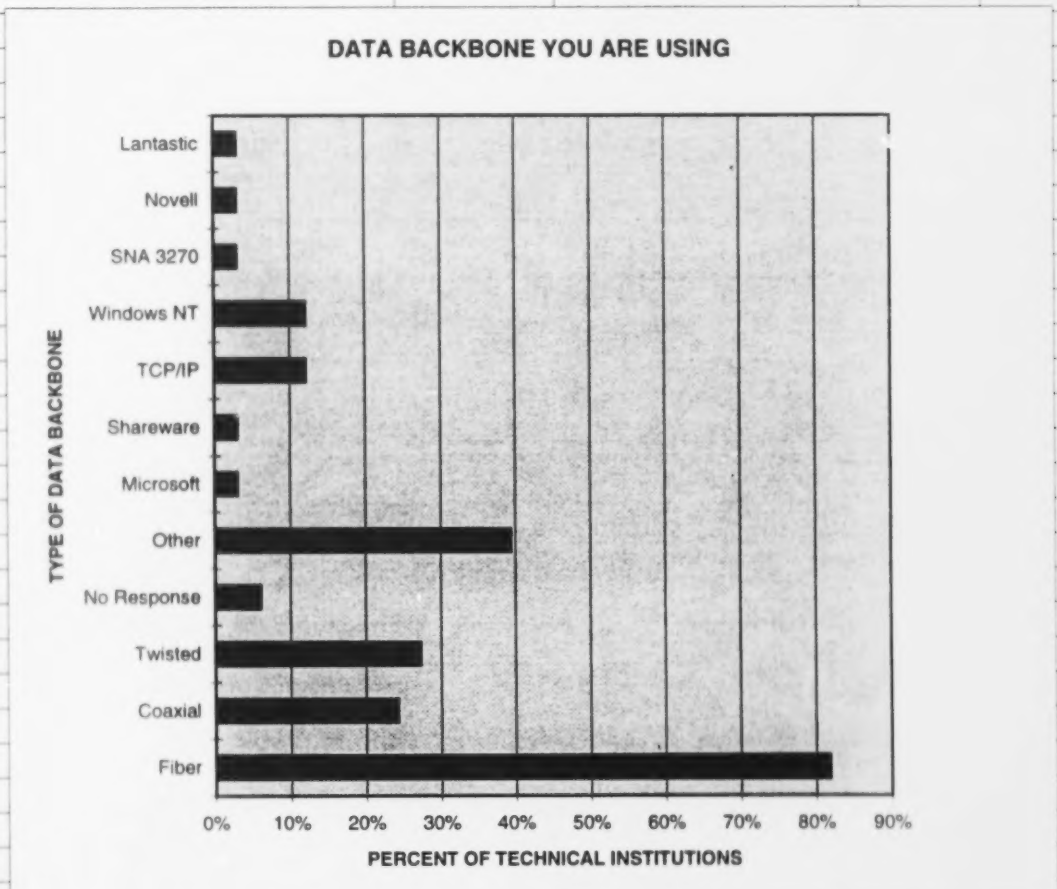
10. Indicate type of Network Software your school is currently using

Response Type	Percent	No of Response
AIX	67%	22
IBM LAN	6%	2
Novell	76%	25
Unix	33%	11
Other	21%	7
Windows	3%	1
NT	6%	2
Zenith	3%	1
Power PC	3%	1
DELL	3%	1
AS/400	3%	1



11. What type of Data Backbone are you using?

Response Type	Percent	No of Response
Fiber	82%	27
Coaxial	24%	8
Twisted	27%	9
No Response	6%	2
Other	39%	13
Microsoft	3%	1
Shareware	3%	1
TCP/IP	12%	4
Windows NT	12%	4
SNA 3270	3%	1
Novell	3%	1
Lantastic	3%	1



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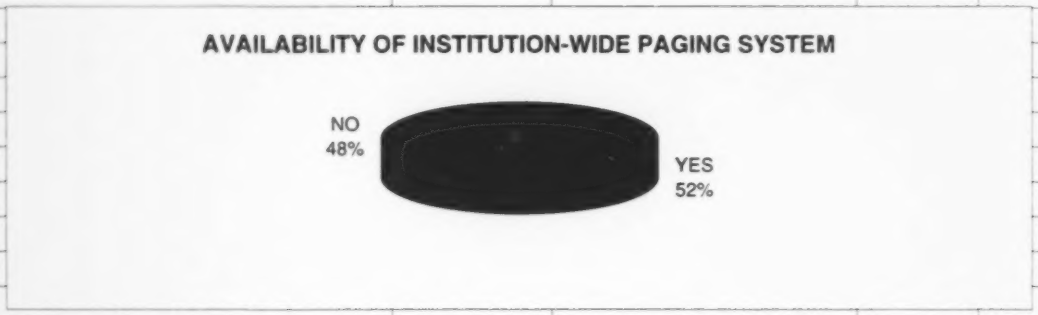
SECTION XIV: SOUND

1. Is there an institution-wide Paging System?

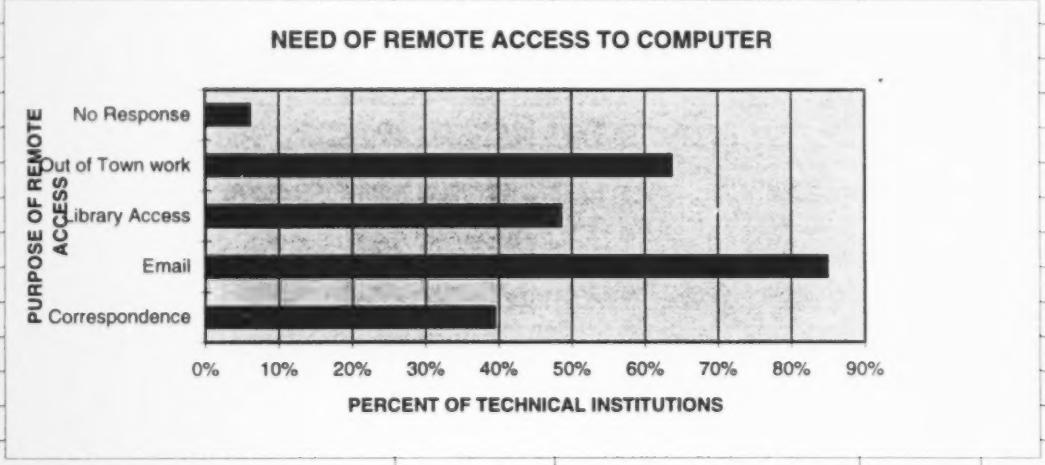
Response Type	Percent	No of Response
YES	52%	17
NO	48%	16
TOTAL	100%	33



SECTION XV: MOBILE EQUIPMENT

1. Do employee need remote access to computer services because of:

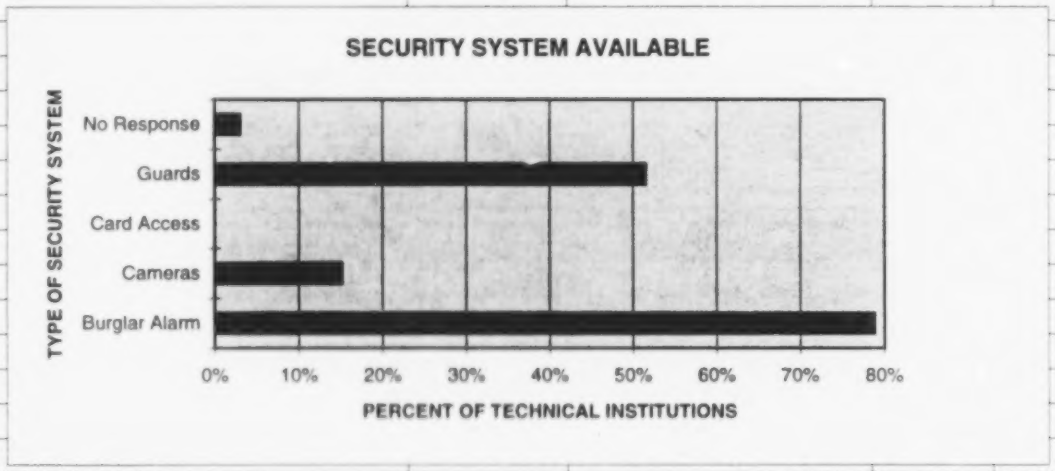
Response Type	Percent	No of Response
Correspondence	39%	13
Email	85%	28
Library Access	48%	16
Out of Town work	64%	21
No Response	6%	2
Other		



SECTION XVI: SECURITY

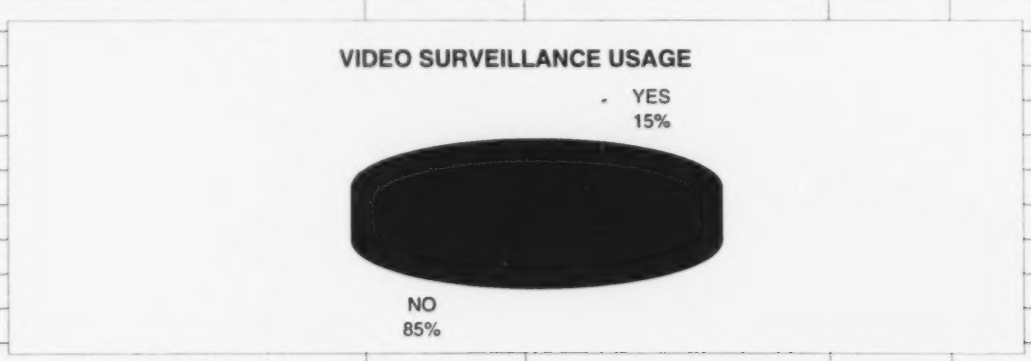
1. What kind of security system do you have?

Response Type	Percent	No of Response
Burglar Alarm	79%	26
Cameras	15%	5
Card Access	0%	0
Guards	52%	17
No Response	3%	1
Other		



2. Do you have Video Surveillance?

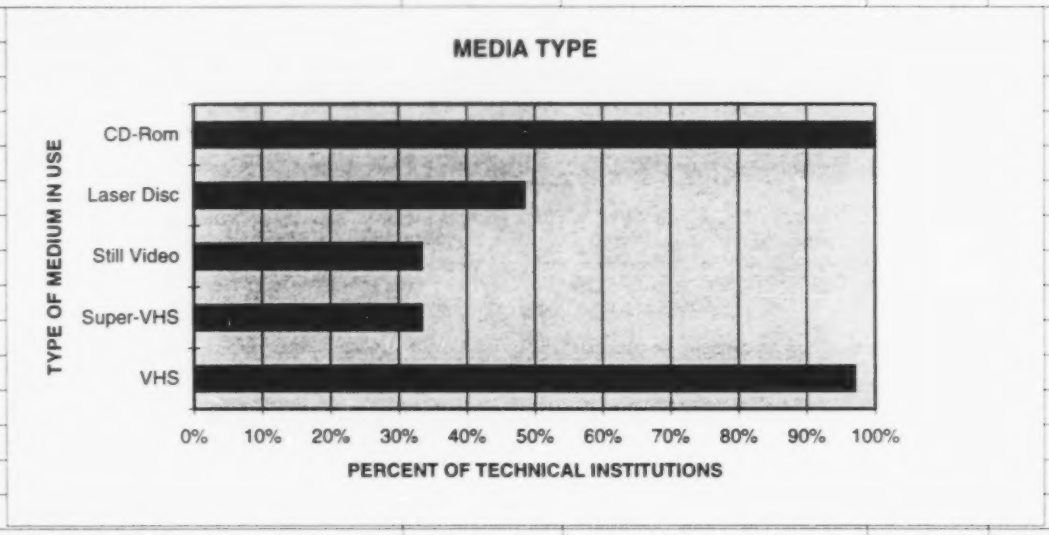
Response Type	Percent	No of Response
YES	15%	5
NO	85%	28
TOTAL	100%	33



SECTION XVII: MEDIA

1. What type of media are currently being used?

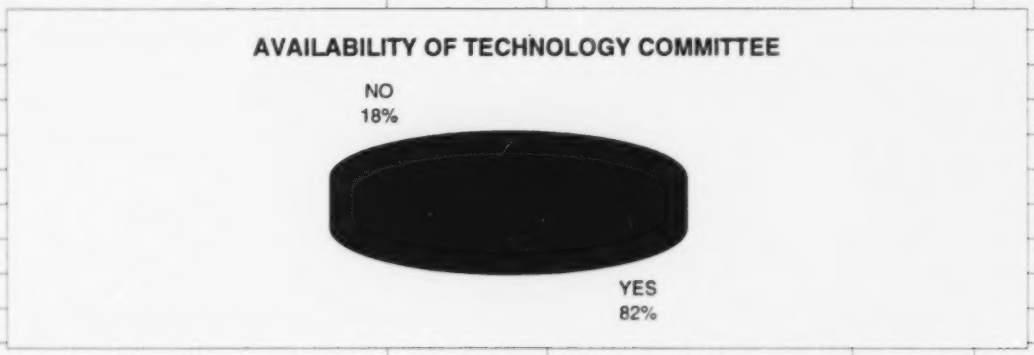
Response Type	Percent	No of Response
VHS	97%	32
Super-VHS	33%	11
Still Video	33%	11
Laser Disc	48%	16
CD-Rom	100%	33
Other		



SECTION XVIII: MISCELLANEOUS

1. Do you have a Technology Committee at your institute?

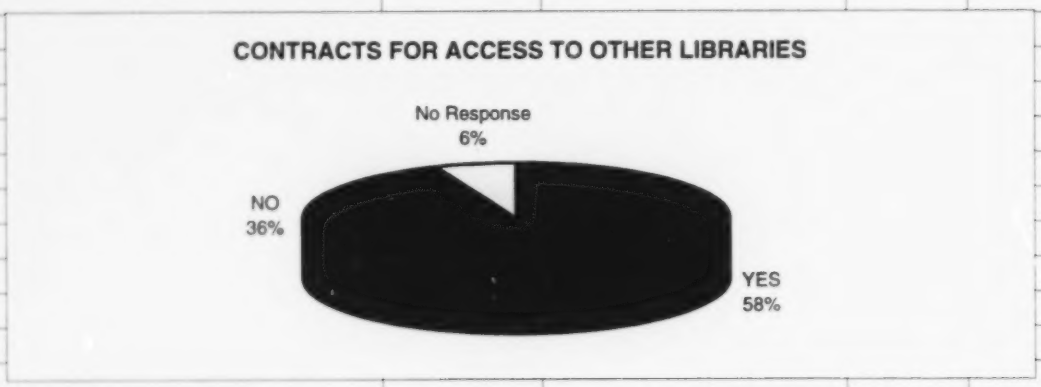
Response Type	Percent	No of Response
YES	82%	27
NO	18%	6
TOTAL	100%	33



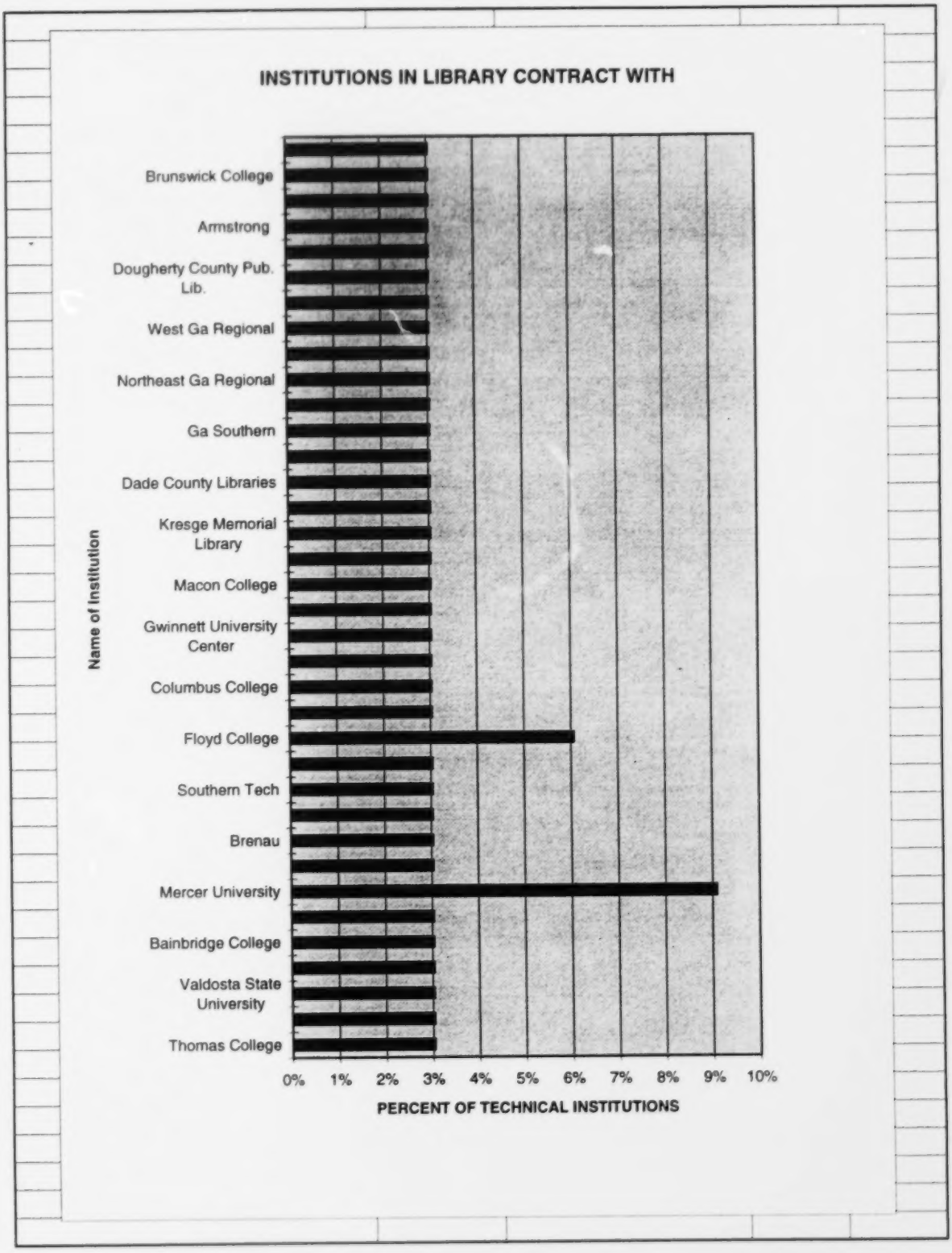
SECTION XIX: LIBRARY RELATED QUESTIONS

1. Do you have contracts for access to other libraries?

Response Type	Percent	No of Response
YES	58%	19
NO	36%	12
No Response	6%	2
TOTAL	100%	33

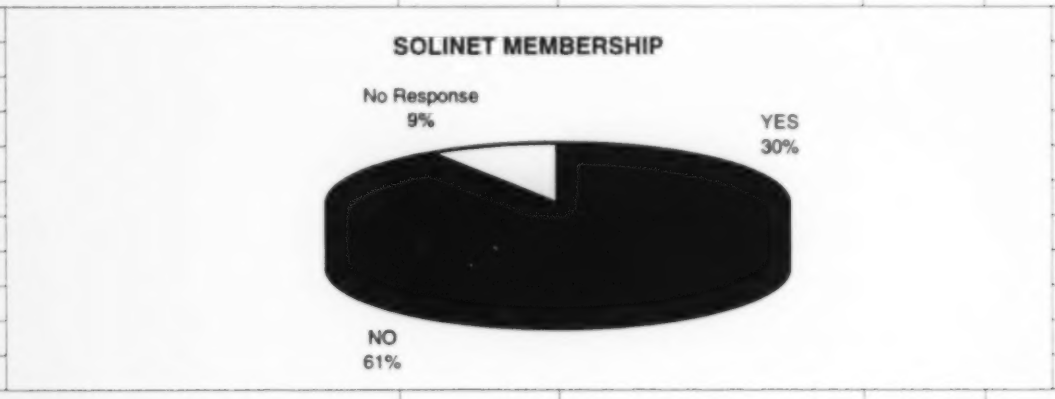


2. If so, which Institutions?				
Names	**Percent**	**No of Response**		
Thomas College	3%	1		
Thomas County Library	3%	1		
Valdosta State University	3%	1		
Albany State College	3%	1		
Bainbridge College	3%	1		
Coastal Plains Reg. Library	3%	1		
Mercer University	9%	3		
Aiken Tech	3%	1		
Brenau	3%	1		
Ga Military College	3%	1		
Southern Tech	3%	1		
UGA	3%	1		
Floyd College	6%	2		
Berry College	3%	1		
Columbus College	3%	1		
DeKalb College	3%	1		
Gwinnett University Center	3%	1		
Gainesville College	3%	1		
Macon College	3%	1		
Ga College	3%	1		
Kresge Memorial Library	3%	1		
Cherokee Regional Library	3%	1		
Dade County Libraries	3%	1		
Walker County Libraries	3%	1		
Ga Southern	3%	1		
ALL	3%	1		
Northeast Ga Regional	3%	1		
Griffin Tech	3%	1		
West Ga Regional	3%	1		
Carroll Tech	3%	1		
Dougherty County Pub. Lib.	3%	1		
Savannah State College	3%	1		
Armstrong	3%	1		
Liberty County Pub. Library	3%	1		
Brunswick College	3%	1		
Columbus Tech	3%	1		


INSTITUTIONS IN LIBRARY CONTRACT WITH
Brunswick College
Armstrong
Dougherty County Pub. Lib.
West Ga Regional
Northeast Ga Regional
Ga Southern
Dade County Libraries
Kresge Memorial Library
Macon College
Gwinnett University Center
Columbus College
Floyd College
Southern Tech
Brenau
Mercer University
Bainbridge College
Valdosta State University
Thomas College
Name of Institution
0%
1%
2%
3%
4%
5%
6%
7%
8%
9%
10%
PERCENT OF TECHNICAL INSTITUTIONS

3. Is your institute a SOLINET member?

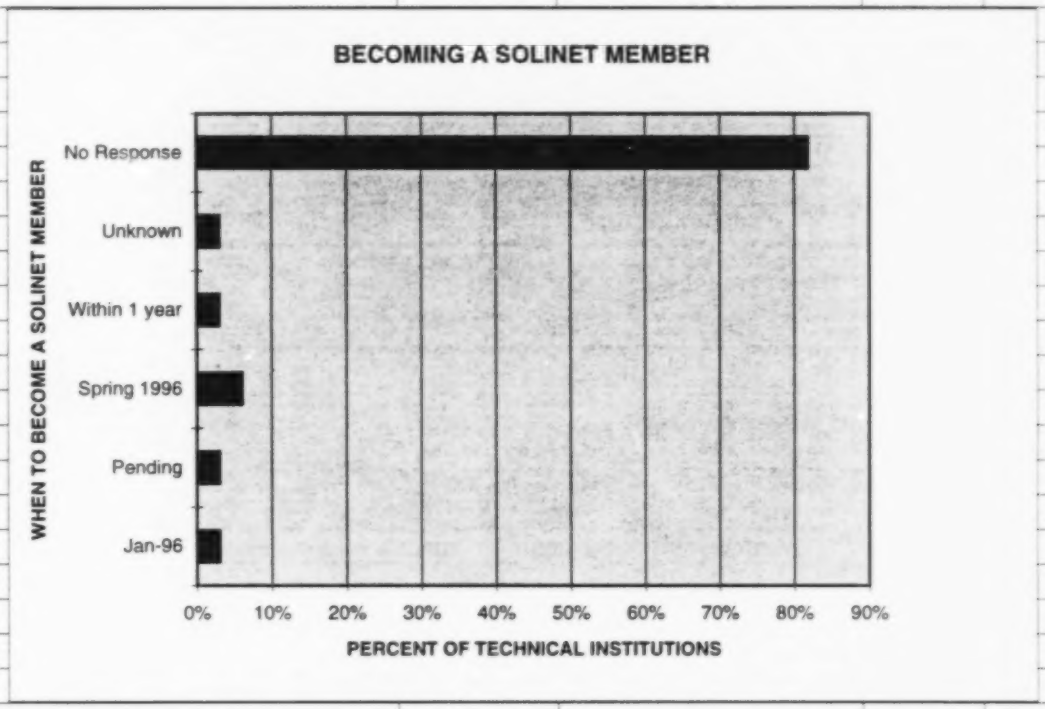
Response Type	Percent	No of Response
YES	30%	10
NO	61%	20
No Response	9%	3
TOTAL	100%	33



4. Do you plan to join?

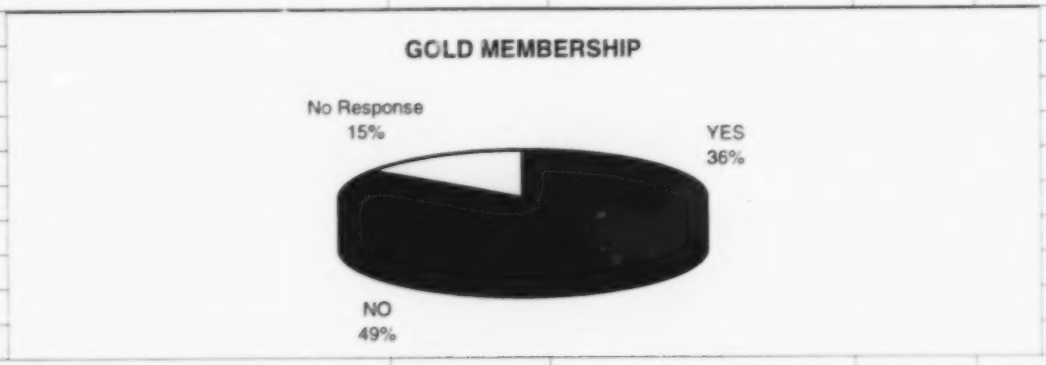
Response Type	Percent	No of Response
YES	27%	9
NO	24%	8
No Response	48%	16
TOTAL	100%	33

5. When do you plan to join?		
Response Type	**Percent**	**No of Response**
Jan-96	3%	1
Pending	3%	1
Spring 1996	6%	2
Within 1 year	3%	1
Unknown	3%	1
No Response	82%	27
TOTAL	100%	33



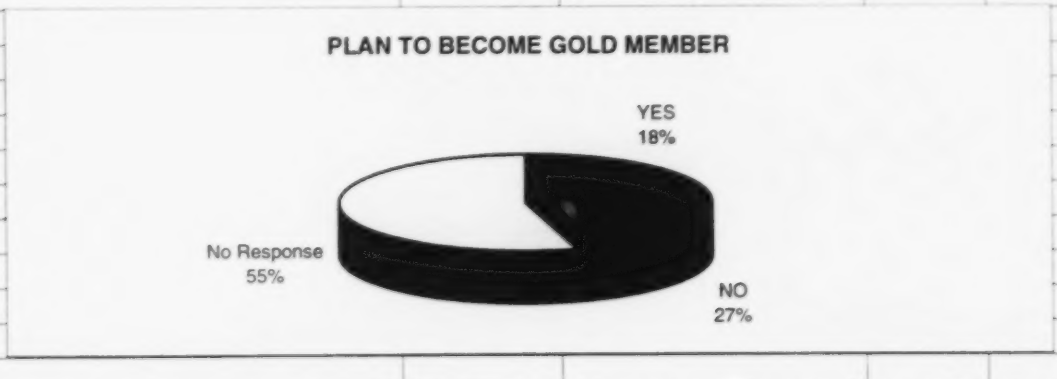
6. Is your institute a GOLD member?

Response Type	Percent	No of Response
YES	36%	12
NO	48%	16
No Response	15%	5
TOTAL	100%	33



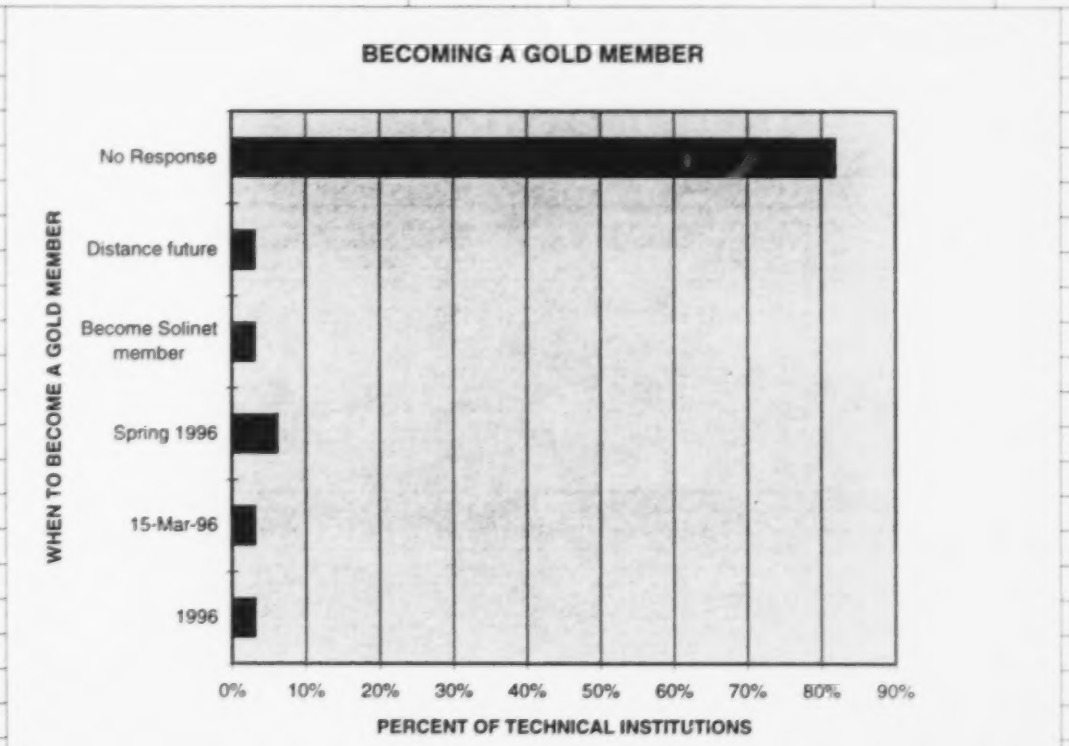
7. If NO, do you plan to join?

Response Type	Percent	No of Response
YES	18%	6
NO	27%	9
No Response	55%	18
TOTAL	100%	33



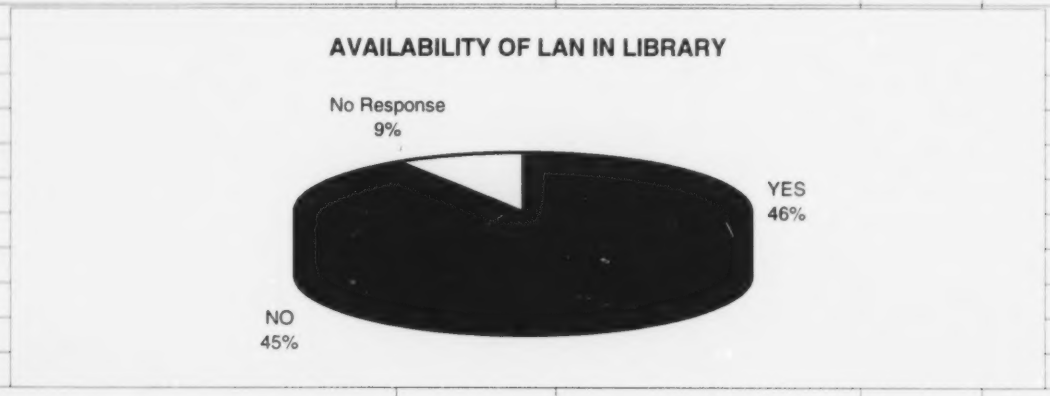
8. When do you plan to join?

Response Type	Percent	No of Response
1996	3%	1
15-Mar-96	3%	1
Spring 1996	6%	2
Become Solinet member	3%	1
Distance future	3%	1
No Response	82%	27
TOTAL	100%	33



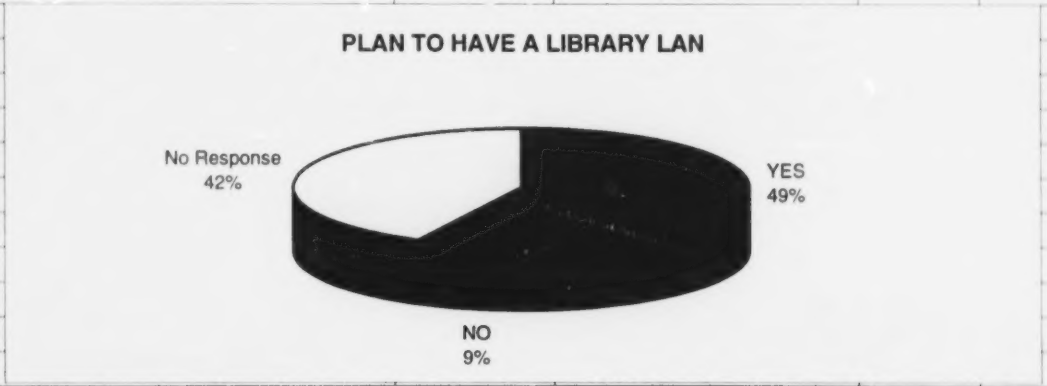
9. Does your library have local area network (LAN)?

Response Type	Percent	No of Response
YES	45%	15
NO	45%	15
No Response	9%	3
TOTAL	100%	33



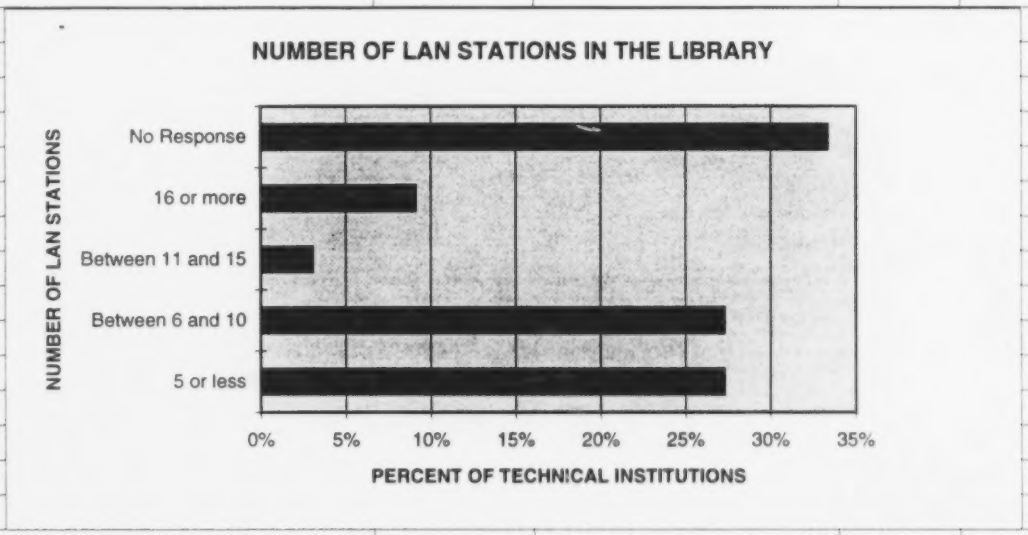
10. If not, are you planning to have a library local area network?

Response Type	Percent	No of Response
YES	48%	16
NO	9%	3
No Response	42%	14
TOTAL	100%	33



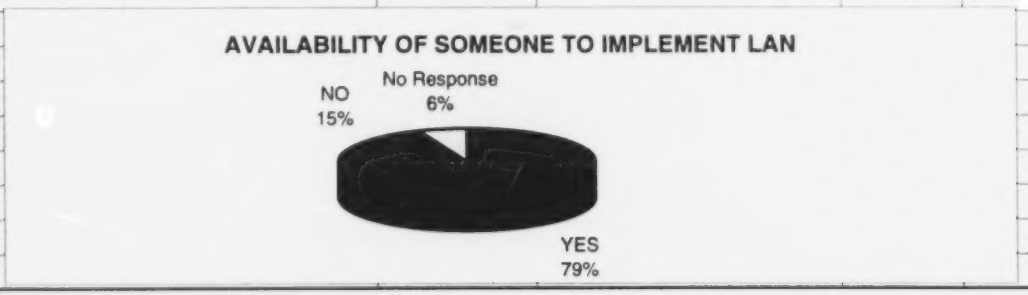
11. How many LAN stations are in the library?

Response Type	Percent	No of Response
5 or less	27%	9
Between 6 and 10	27%	9
Between 11 and 15	3%	1
16 or more	9%	3
No Response	33%	11
TOTAL	100%	33



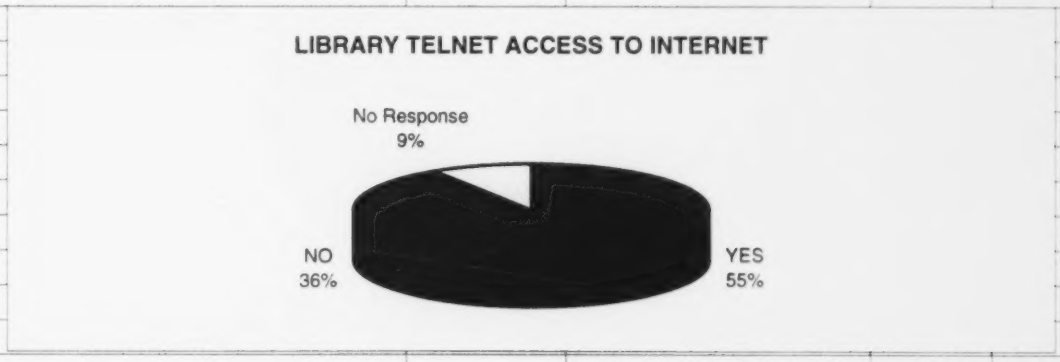
12. Do you have someone who can plan and implement interconnectivity between your library LAN and the school LAN?

Response Type	Percent	No of Response
YES	79%	26
NO	15%	5
No Response	6%	2
TOTAL	100%	33



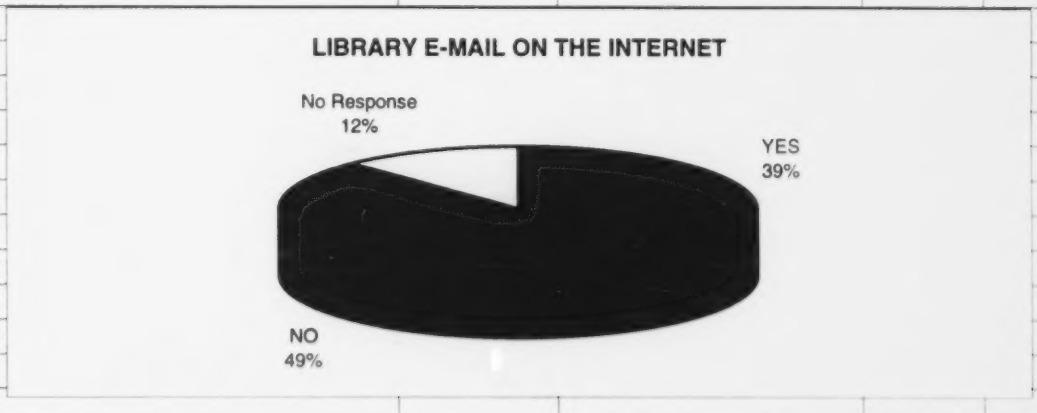
13. Does your library have telnet access to Internet?

Response Type	Percent	No of Response
YES	55%	18
NO	36%	12
No Response	9%	3
TOTAL	100%	33



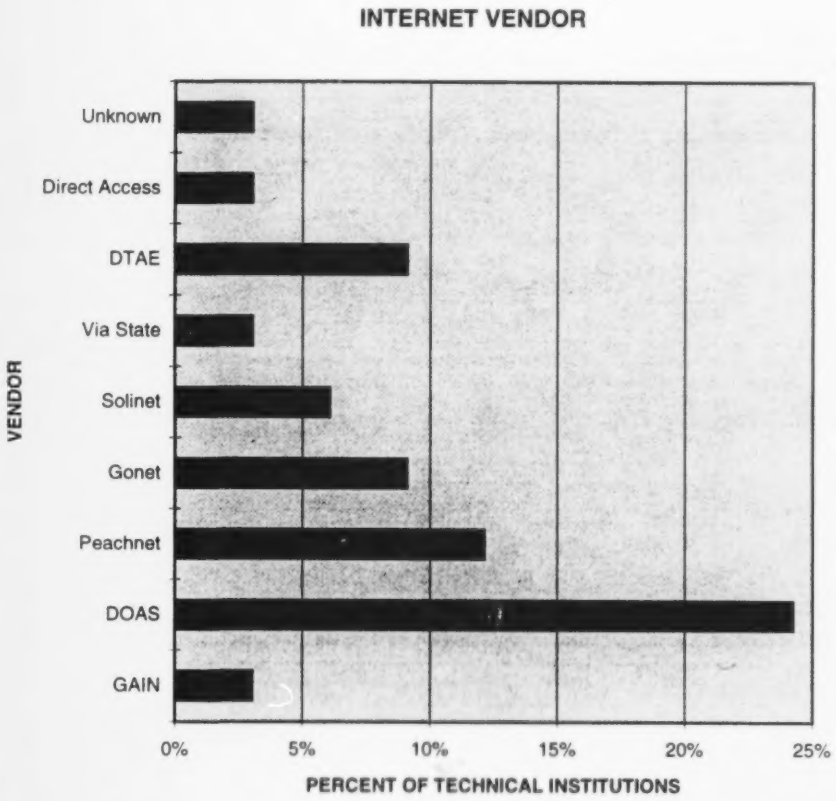
14. Does the library have E-mail on the Internet?

Response Type	Percent	No of Response
YES	39%	13
NO	48%	16
No Response	12%	4
TOTAL	100%	33



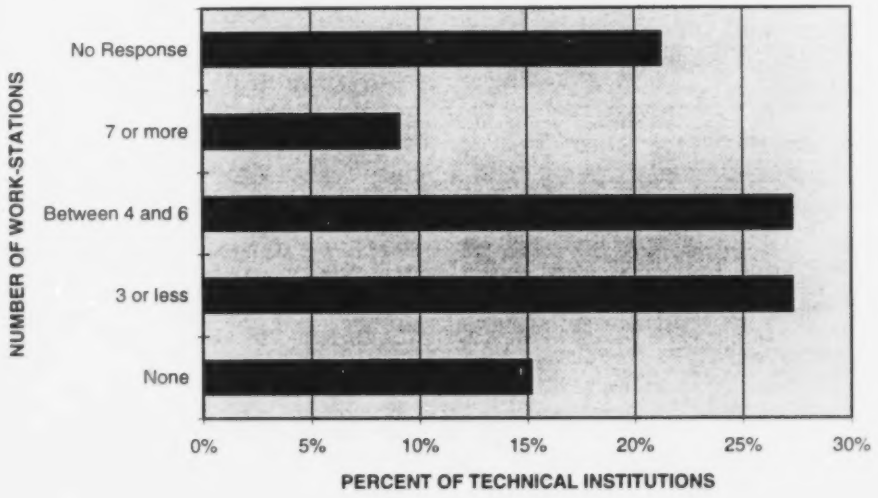
15. Your internet vendor is ____

Response Type	Percent	No of Response
GAIN	3%	1
DOAS	24%	8
Peachnet	12%	4
Gonet	9%	3
Solinet	6%	2
Via State	3%	1
DTAE	9%	3
Direct Access	3%	1
Unknown	3%	1



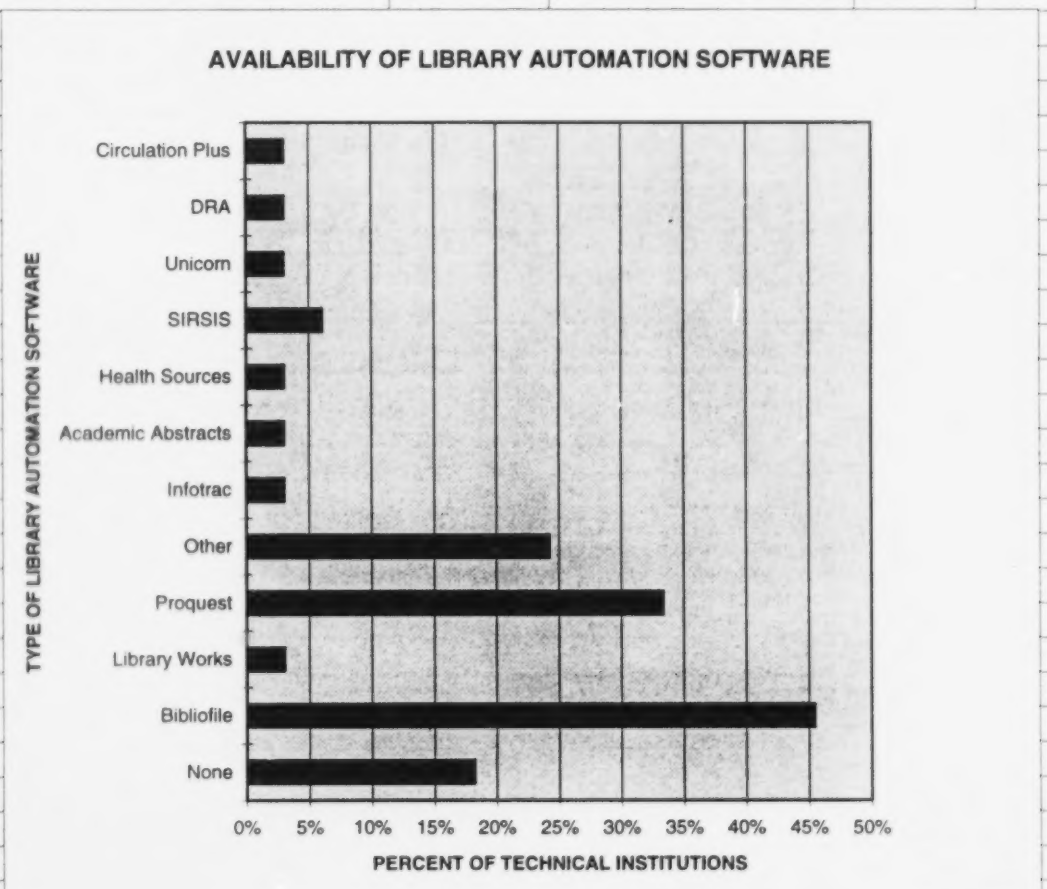
16. Number of CD-ROM work-stations in the library?

Response Type	Percent	No of Response
None	15%	5
3 or less	27%	9
Between 4 and 6	27%	9
7 or more	9%	3
No Response	21%	7
TOTAL	100%	33

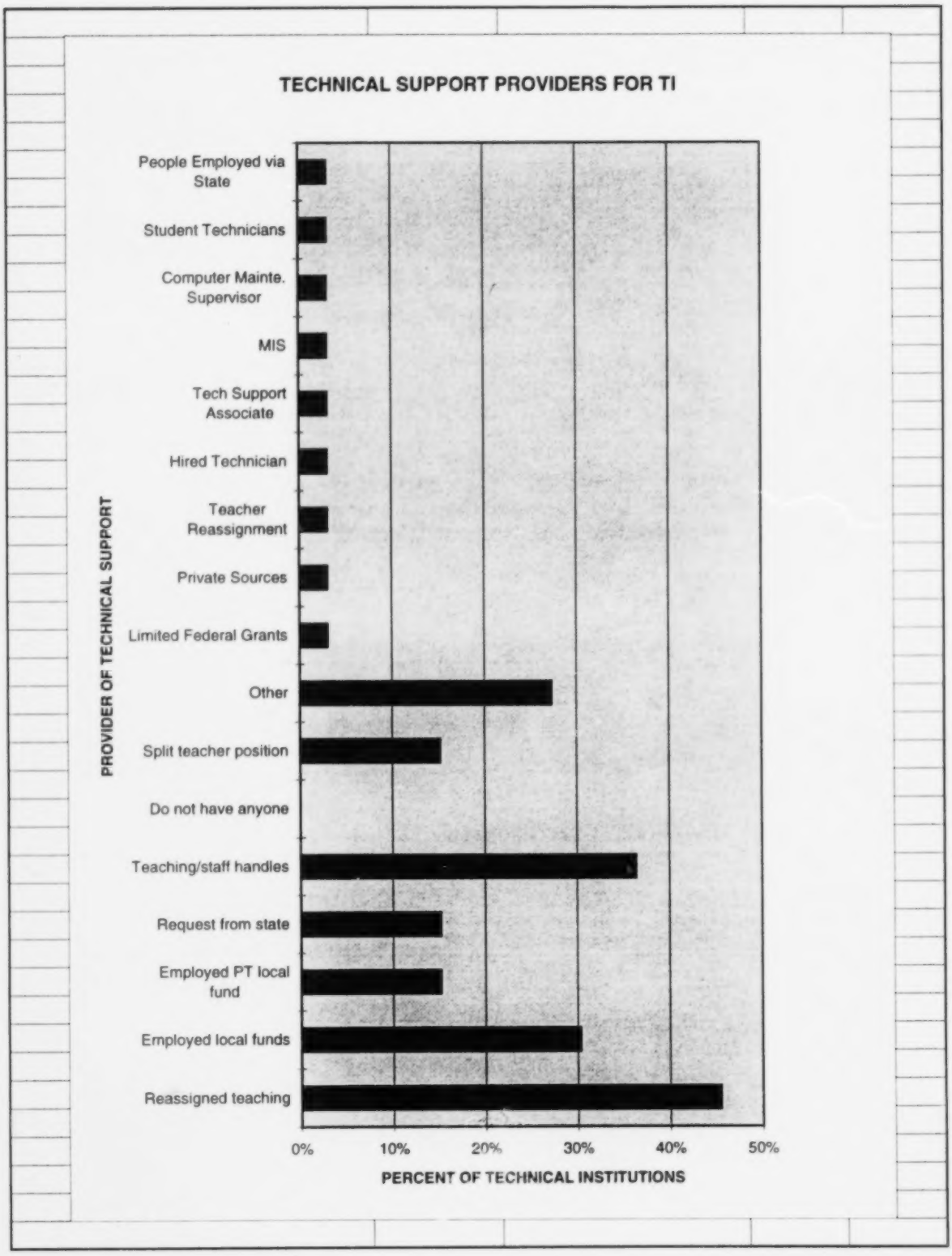


17. Do you have the following library automation software?

Response Type	Percent	No of Response
None	18%	6
Bibliofile	45%	15
Library Works	3%	1
Proquest	33%	11
Other	24%	8
Infotrac	3%	1
Academic Abstracts	3%	1
Health Sources	3%	1
SIRSIS	6%	2
Unicorn	3%	1
DRA	3%	1
Circulation Plus	3%	1

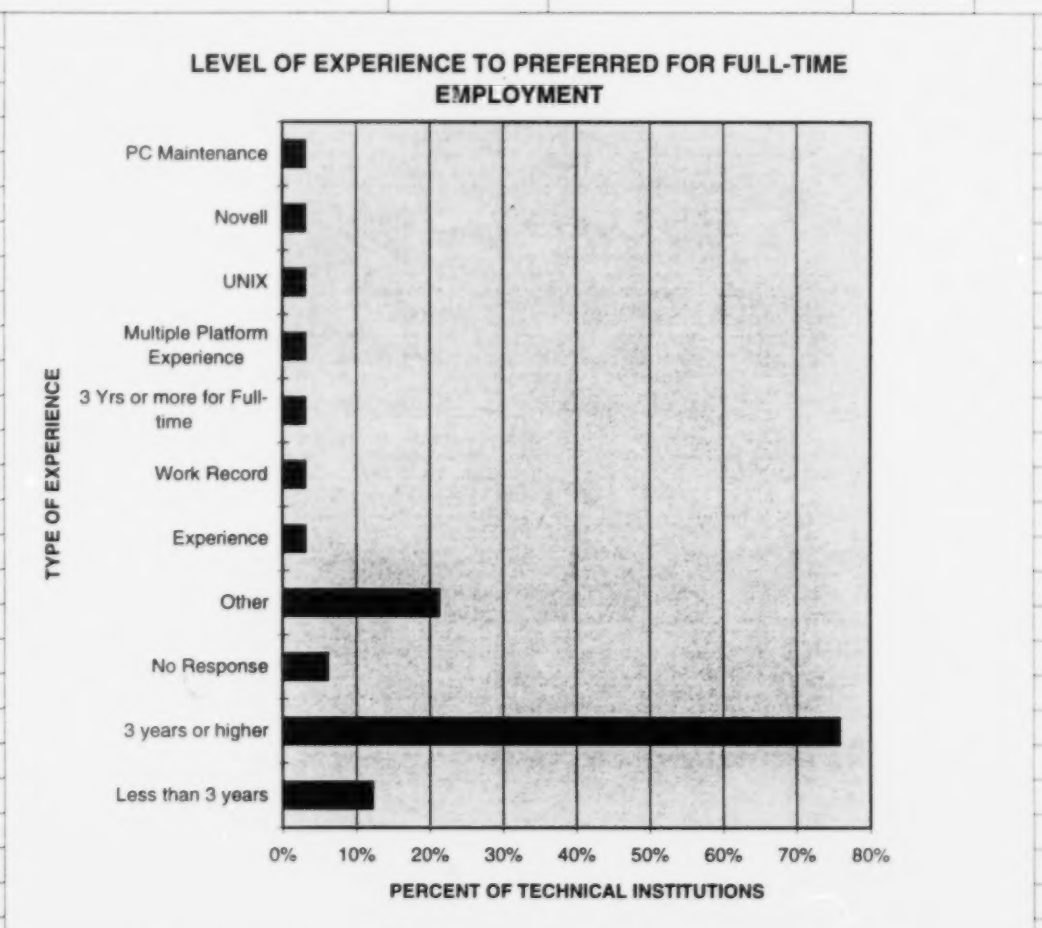


SECTION XX: TECHNICAL SUPPORT				
1. How do you provide technical support services for your institute?				
Response Type	**Percent**	**No of Response**		
Reassigned teaching	45%	15		
Employed local funds	30%	10		
Employed PT local fund	15%	5		
Request from state	15%	5		
Teaching/staff handles	36%	12		
Do not have anyone	0%	0		
Split teacher position	15%	5		
Other	27%	9		
Limited Federal Grants	3%	1		
Private Sources	3%	1		
Teacher Reassignment	3%	1		
Hired Technician	3%	1		
Tech Support Associate	3%	1		
MIS	3%	1		
Computer Mainte. Supervisor	3%	1		
Student Technicians	3%	1		
People Employed via State	3%	1		


TECHNICAL SUPPORT PROVIDERS FOR TI
People Employed via State
Student Technicians
Computer Mainte. Supervisor
MIS
Tech Support Associate
Hired Technician
Teacher Reassignment
Private Sources
Limited Federal Grants
Other
Split teacher position
Do not have anyone
Teaching/staff handles
Request from state
Employed PT local fund
Employed local funds
Reassigned teaching
PROVIDER OF TECHNICAL SUPPORT
0%
10%
20%
30%
40%
50%
PERCENT OF TECHNICAL INSTITUTIONS

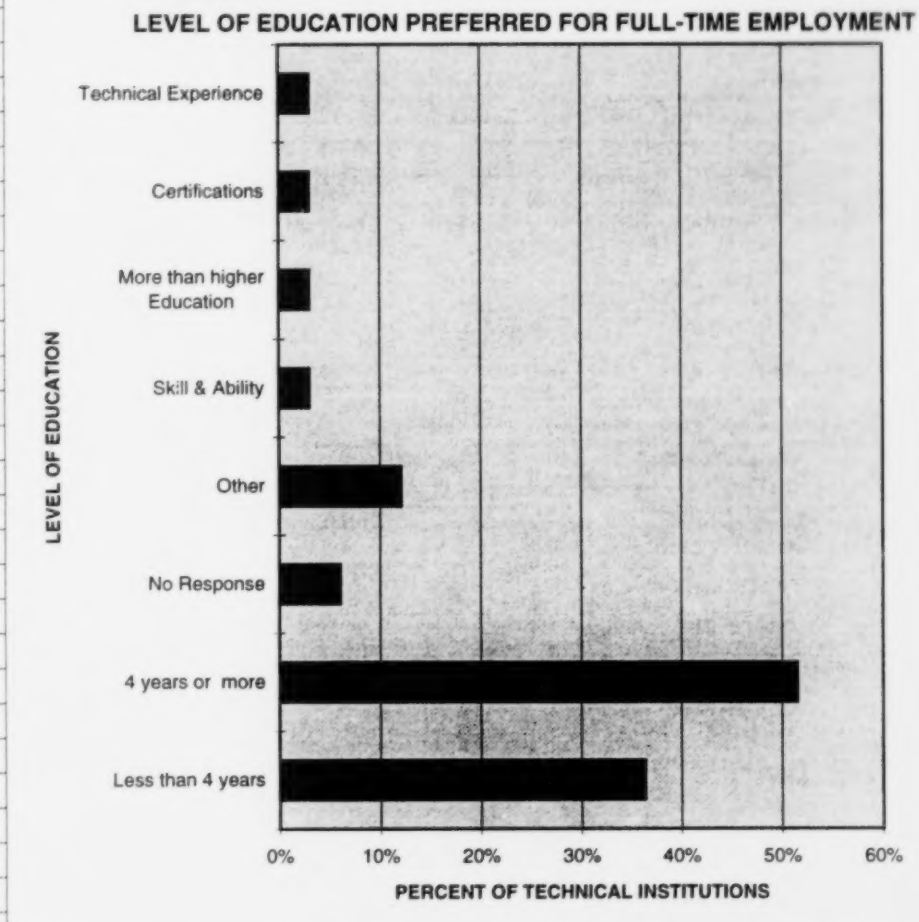
2. If you had a full-time position, what level of experience would you require?

Response Type	Percent	No of Response
Less than 3 years	12%	4
3 years or higher	76%	25
No Response	6%	2
Other	21%	7
Experience	3%	1
Work Record	3%	1
3 Yrs or more for Full-time	3%	1
Multiple Platform Experience	3%	1
UNIX	3%	1
Novell	3%	1
PC Maintenance	3%	1



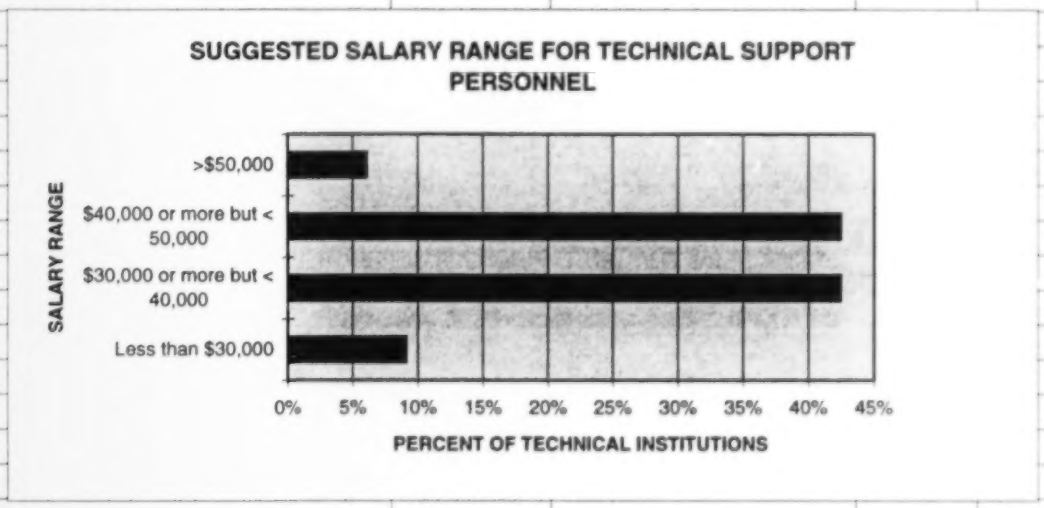
3. If you had a full-time position, what level of education would you require?

Response Type	Percent	No of Response
Less than 4 years	36%	12
4 years or more	52%	17
No Response	6%	2
Other	12%	4
Skill & Ability	3%	1
More than higher Education	3%	1
Certifications	3%	1
Technical Experience	3%	1



4. What salary range would you suggest for technical support personnel?

Response Type	Percent	No of Response
Less than $30,000	9%	3
$30,000 or more but < 40,000	42%	14
$40,000 or more but < 50,000	42%	14
>$50,000	6%	2
TOTAL	100%	33



APPENDIX

GEORGIA DEPARTMENT OF TECHNICAL AND ADULT EDUCATION

Kenneth H. Breeden, Commissioner

Douglas L. Bolen, Assistant Commissioner
Office of Technical Education

October 18, 1995

MEMORANDUM # 96-06

TO: Presidents

FROM: Douglas L. Bolen, Assistant Commissioner D.L.B.
Office of Technical Education

SUBJECT: Information Technology Survey

The Information Technology Committee of the Presidents' Council wants to update the Information Technology Survey Information (previously collected in August of 1994). You will notice that this survey is more concise than the previous one. The information will help in the continued implementation of a statewide information technology system.

Please complete the attached survey and return to the Occupational Research Group at the address indicated by **Friday, October 27, 1995**.

cc: Dr. Kenneth H. Breeden
Educational Support Services Staff
Occupational Research Group

1800 Century Place, Suite 400 Atlanta, Georgia 30345-4304 404 679 1600 Fax 404 679 1605

ATTENTION!

ATTENTION!!

ATTENTION!!!

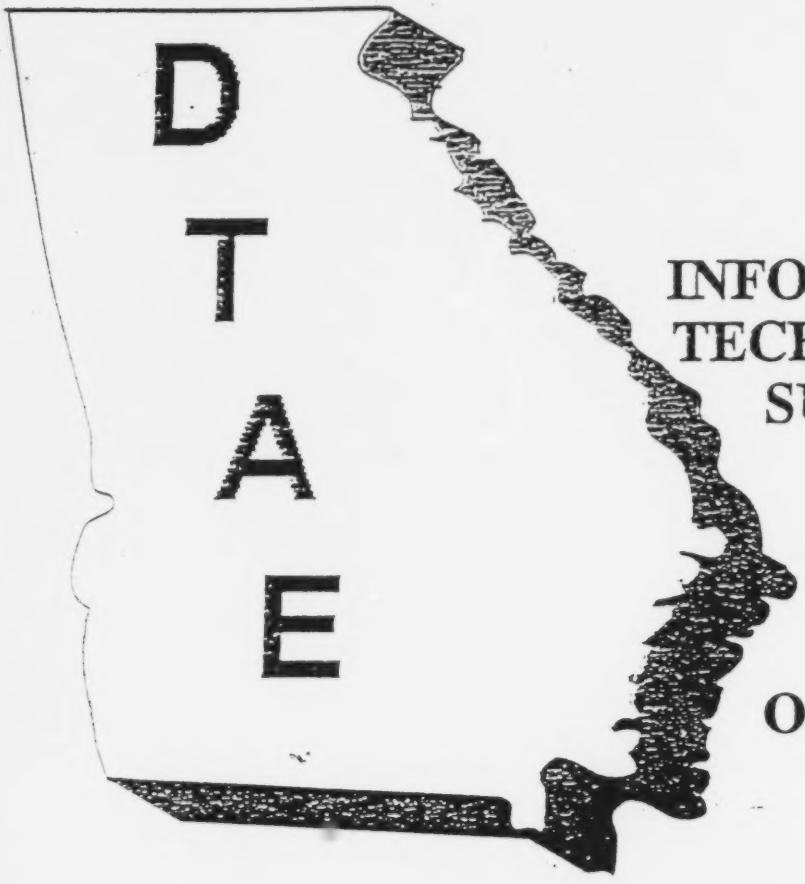
Due to time constraint in getting data ready for the Presidents' Council meeting on November 7, 1995, the Occupational Research Group requests that you return your completed survey BY FAX (706) 542-4669, no later than OCTOBER, 27, 1995 to:

Attention:

Dr. Ray Anukam
Occupational Research Group

****

If you have questions or comments, please call me:
(706) 542-3857



INFORMATION TECHNOLOGY SURVEY

October 1995

Prepared for the Information Technology Committee of
the Georgia Technical Institutes Presidents Council by
the Occupational Research Group at
The University Of Georgia

The Georgia Department of Technical and Adult Education
1800 Century Place
Atlanta, Georgia

GEORGIA TECHNICAL INSTITUTE
INFORMATION TECHNOLOGY SURVEY

Name of Institute:_____

Distance Learning Coordinator:_____
Name Title

Satellite Coordinator:_____
Name Title

Network Coordinator:_____
Name Title

GO TO SECTION XIX FOR LIBRARY RELATED QUESTIONS
SECTION XX FOR TECHNICAL SUPPORT SERVICES RELATED QUESTIONS

Director of Library (Media Spec.)_____
Name Title

SECTION I: GEORGIA PUBLIC TV (GPTV)

1. Do you use utilize the services of Georgia Public Television (GPTV)?

1. ___YES 2. ___NO

SECTION II: SATELLITE DISHES

1. Do you have a satellite receiving (down-link) dish?

1. ___YES 2. ___NO (If, NO, go to section III)

2. Number of satellite dishes:

1. ___One dish
2. ___Three Dishes
3. ___Two Dishes
4. ___Four Dishes
5. ___Five or more dishes

3. Type of Dish(es):

1. ___Fixed 2. ___Steerable

SECTION III: CABLE TELEVISION (CTV)

1. Does your service area have Cable Television (CTV) availability?

1. ___YES 2. ___NO (If no, go to section IV)

2. Do you have CTV service to your institute?

1. ___YES 2 ___NO

3. Do you utilize the Educational Channel of your CTV provider?

1. ___YES 2. ___NO

SECTION IV: CLOSED CIRCUIT TELEVISION (CCTV)

1. Is your institute wired for Closed Circuit Television (CCTV)?

1. ___YES 2. ___NO

2. If NO, do you intend to utilize CCTV in the future?

1. ___YES 2. ___NO

SECTION V: VIDEO DISTRIBUTION AND PRESENTATION SYSTEMS

1. Do you have a school television station or broadcast studio?

1. ___YES 2. ___NO

2. If NO, do you intend to have a school television station or broadcast studio?

1. ___YES 2. ___NO

SECTION VI: MICROWAVE TOWERS

1. Do you have microwave towers available in your service area?

1. ___YES 2. ___NO

SECTION VII: DISTANCE LEARNING

1. Do you have classrooms set up for tele-learning?

1. ___YES 2. ___NO

2. How many classrooms are set up for tele-learning?

1. ___One
2. ___Two
3. ___Three
4. ___Four
5. ___Unknown

SECTION VIII: DISTANCE LEARNING EQUIPMENT

1. Do you have distance learning equipment for individuals or groups?

   1. ___YES 2. ___NO

2. What type of equipment is available?

   1. ___GSAMS
   2. ___Local Setup
   3. Other_____

SECTION IX: TELEPHONE REGISTRATION

1. Do you have a telephone student registration system?

   1. ___YES 2. ___NO

SECTION X: DESKTOP VISUAL COMMUNICATIONS (DVC)

1. Are you using of Desktop Visual Communications (DVC)?

   1. ___YES 2. ___NO (If NO, go to section XI).

2. In what capacity or purpose?

   1. ___Instruction 4. ___Advertisement
   2. ___Recruitment 5. ___Conference
   3. ___Correspondence 6. Other_____

SECTION XI: ELECTRONIC COMMUNICATIONS

Please indicate if you use any of the following:

1. Peachnet

   1. ___YES 2. ___NO

2. In what capacity or purpose?

   1. ___Email 6. ___To get into DTAE network files
   2. ___ERIC 7. ___To get into DOAS Communications
   3. ___Gopher 8. ___To access and transmit information
   4. ___Go-Net 9. Other_____
   5. ___WWW

3. Internet

1. ___YES 2. ___NO

4. In what capacity or purpose?

1. ___Email
2. ___ERIC
3. ___Gopher
4. ___Go-Net
5. ___WWW
6. ___To get into DTAE network files
7. ___To get into DOAS Communications
8. ___To access and transmit information
9. Other_____

5. How many computer labs?_____

SECTION XII: COMPUTER PLATFORM

Will you be using: (Check all that apply).

1. ___386 computer platforms?
2. ___486 computer platforms?
3. ___AIX(Unix) computer platform?
4. ___IBM computer platform?
5. ___IBM compatible computer platform?
6. ___Apple/MacIntosh computer platform?
7. ___Pentium computer platform?
8. ___ AS/400 computer platform?
9. ___ RISC/6000 computer platform?
10. Other_____

SECTION XIII: APPLICATION SOFTWARE USED (Check all examples that apply)

1. Database Packages:

1. ___DBASE
2. ___FOXPRO
3. ___MICROSOFT ACCESS
4. Other(s)_____

2. Instructional Packages:

1. ___AUTOCAD
2. Other(s)_____

3. Disk Operating Packages:

1. ___DOS
2. ___WINDOWS
3. ___OS2
4. ___UNIX
5. Other(s)_____

4. **Presentation Packages:**

1. ___HARVARD GRAPHICS
2. ___POWERPOINT
3. ___COMPEL
4. Other(s)_____

5. **Spreadsheet Packages:**

1. ___EXCEL
2. ___LOTUS
3. Other(s)_____

6. **Word Processing Packages:**

1. ___WORDPERFECT
2. ___Microsoft Word
3. Other(s)_____

7. Do you have multimedia equipment?

1. ___YES 2. ___NO

8. Indicate the multimedia presentation or authoring software used _____
_____

9. Indicate type of network servers.

1. ___IBM 3. ___RISC
2. ___Novell System 4. Other_____

10. Indicate type of network software your school is currently using.

1. ___AIX 4. ___Unix
2. ___IBM LAN 5. Other_____
3. ___Novell

11. What type of data backbone are you using?

1. ___Fiber 3. ___Twisted pair
2. ___Coaxial 4. Other_____

SECTION XIV: SOUND

1. Is there an institution-wide paging system?

1. ___YES 2. ___NO

SECTION XV: MOBILE EQUIPMENT

1. Do employees need remote access to computer services because of:

1.	___Correspondence	4.	___Out of town work
2.	___E-Mail	5.	Other_____
3.	___Library access		_____

SECTION XVI: SECURITY

1. What kind of security system do you have?

1.	___Burglar Alarm	4.	___Guards
2.	___Cameras	5.	Other_____
3.	___Card Access		_____

2. Do you use video surveillance?

1. ___YES 2. ___NO

SECTION XVII: MEDIA

1. What types of medium are currently being used? (Check all that apply).

1. ___VHS
2. ___Super-VHS
3. ___Still Video
4. ___Laser Disc
5. ___CD-Rom
6. Other_____

SECTION XVIII: MISCELLANEOUS

1. Do you have a technology committee at your institute?

1. ___YES 2. ___NO

SECTION XIX: LIBRARY RELATED QUESTIONS
(To be completed by library/media services personnel)

1. Do you have contracts for access to other libraries?

1. ___YES 2. ___NO

2. If so, with which institutions?_____
_____

3. Is your institute a SOLINET member?

1. ___YES 2. ___NO

4. Do you plan to join?

1. ___YES 2. ___NO

5. When?_____

6. Is your institute a GOLD member?

1. ___YES 2. ___NO

7. If NO, do you plan to join?

1. ___YES 2. ___NO

8. When?_____

9. Does your library have a local area network (LAN)?

1. ___YES 2. ___NO

10. If not, are you planning to have a library local area network?

1 ___YES 2. ___NO

11. How many LAN stations are in the library?

1. ___5 or less
2. ___Between 6 and 10
3. ___Between 11 and 15
4. ___16 or more

12. Do you have someone who can plan and implement interconnectivity between your library LAN and the school LAN?

1. ___YES 2. ___NO

13. Does your library have telnet access to Internet?

1. ___YES 2. ___NO

14. Does the library have e-mail on the internet?

1. ___YES 2. ___NO

15. Your internet vendor is_____ ___

16. Number of CD-ROM work stations in the library:

1. ___None
2. ___3 or less
3. ___Between 4 and 6
4. ___7 or more

17. Do you have the following library automation software: (Check all that apply)

1. ___None
2. ___Bibliofile
3. ___Library Works
4. ___Proquest
5. Other (specify)_____

SECTION XX: TECHNICAL SUPPORT SERVICES

1. How do you provide technical support services for your institution? Check all that apply:

1. ___Reassigned teaching position
2. ___Employed out of local funds
3. ___Employed part-time from local funds
4. ___Requested and obtained from state funds
5. ___Teaching/staff handles as can
6. ___Do not have anyone assigned to this responsibility
7. ___Split teacher position
8. Other (explain)_____

2. If you have a full-time position, what level of experience would you require?

1. ___Less than 3 years
2. ___3 years or higher
3. Other_____

3. If you have a full-time position, what level of education would you require?

1. ___Less than 4 years of higher education
2. ___4 years or more of higher education
3. Other_____

4. What salary range would you suggest for technical support personnel?

1. ___Less than $30,000
2. ___$30,000 and above but less than $40,000
3. ___$40,000 and above but less than $50,000
4. Other (specify) $_____

Thank you for completing this survey